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January 1960

# DENVER UNIVERSITY BULLETIN

Volume 10, No. 1  
January 1960





Volume XXVI, No. 1

January, 1926

# DENISON UNIVERSITY BULLETIN

Annual Catalogue  
1925-1926



GRANVILLE, OHIO

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The Ninety-fifth  
Annual Catalogue  
of  
Denison University  
For the Year 1925-1926



GRANVILLE, OHIO

1926

For information concerning Granville and Shepardson Colleges

Address

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Granville, Ohio

---

The Conservatory of Music

KARL H. ESCHMAN, DIRECTOR

Granville, Ohio

---

Doane Academy

H. R. HUNDLEY, DEAN

Granville, Ohio

*All gifts, legacies and bequests for any department of the University or any phase of its work should be made payable to*

**DENISON UNIVERSITY**

*Granville, Ohio.*

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## CALENDAR FOR 1926

JANUARY							FEBRUARY							MARCH							APRIL							
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10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20	11	12	13	14	15	16	17	
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27	18	19	20	21	22	23	24	
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31																												

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9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21	
16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28	
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12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	
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## CALENDAR FOR 1927

JANUARY.							FEBRUARY.							MARCH.							APRIL.						
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15	16	17	18	19	20	21	13	14	15	16	17	18	19	20	21	22	23	24	25	26	17	18	19	20	21	22	23
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MAY.							JUNE.							JULY.							AUGUST.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	5	6	7	8	9	10	11	12	13	14	15	16	17	18	7	8	9	10	11	12	13
15	16	17	18	19	20	21	12	13	14	15	16	17	18	19	20	21	22	23	24	25	14	15	16	17	18	19	20
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SEPTEMBER.							OCTOBER.							NOVEMBER.							DECEMBER.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	7	8	9	10	11	12	13	14	15	16	17	18	19	20	9	10	11	12	13	14	15
15	16	17	18	19	20	21	14	15	16	17	18	19	20	21	22	23	24	25	26	27	16	17	18	19	20	21	22
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29	30						28	29	30												30	31					



# The University Calendar

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## 1926

Spring Recess begins	Friday	April 2, 12:00 m.
Spring Recess ends	Monday	April 12, 2:00 p.m.
Memorial Day	Sunday	May 30
(holiday)	Monday	May 31
Final Examinations	Monday-Thursday	June 7-10
Graduating Exercises of Doane Academy	Friday	June 11
Alumni Day	Saturday	June 12
Meeting of Board of Trustees	Saturday	June 12
Alumni Dinner	Saturday	June 12
President's Reception	Saturday	June 12
Baccalaureate Sermon	Sunday	June 13
Commencement Day	Monday	June 14

## SUMMER VACATION—June 15-September 14

First Semester Opens	Tuesday	September 14
Matriculation of New Students	Tuesday	Sept. 14, 8:00-4:00
Registration of Former Students	Wednesday	Sept. 15
First Convocation, Swasey Chapel	Wednesday	Sept. 15, 11:00 a.m.
Classes Begin	Thursday	Sept. 16, 8:00 a.m.
Armistice Day	Thursday	November 11
Thanksgiving Recess	Thursday-Friday	November 25-26
Christmas Recess Begins	Friday	Dec. 17, 12:00 m.
1927		
Christmas Recess Ends	Monday	Jan. 3, 2:00 p.m.
Mid-year Examinations	Tuesday-Friday	January 25-28
First Semester Ends	Friday	Jan. 28, 4:00 p.m.
Second Semester begins	Monday	Jan. 31, 8:00 a.m.
Washington's Birthday (Founders' Day)	Tuesday	February 22
Spring Recess Begins	Friday	April 1, 12:00 m.
Spring Recess Ends	Monday	April 11, 2:00 p.m.
Memorial Day	Monday	May 30
Final Examinations	Monday-Thursday	June 6-9
Commencement Day	Monday	June 13

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REV. MILLARD BRELSFORD, A.B., D.D., SECRETARY

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*President of the University*

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BURTON CASE.....	Granville
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TORRENCE HUFFMAN.....	Dayton
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REV. HERBERT F. STILWELL, A.M., D.D., LL.D.....	Cleveland
REV. JOHN F. HERGET, A.M.....	Cincinnati
LEWIS R. ZOLLARS.....	Canton
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JOHN C. HASWELL.....	Dayton

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WILLARD D. CHAMBERLIN.....Term expires 1928

FREDERICK P. BEAVER.....Term expires 1929

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24895  
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*Benjamin Barney Professor of Mathematics*

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*Henry Chisholm Professor of Physics*

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*Professor of Physical Education*

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*Professor of Music and Director of the Conservatory*

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*Professor of Sociology*

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*Eliam E. Barney Professor of Latin Language and Literature*  
*Acting Professor of Greek*

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*Librarian*

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*Dean of Shepardson College*  
*Professor of Education*

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*Associate Professor of English*

J. HORACE NUNEMAKER, A.M.,  
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MIRIAM AKERS, A.M.,  
*Associate Professor of Classics*

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*Associate Professor of English*

EVERETT P. JOHNSTON, A.M.,  
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C. HENRY DICKERMAN, A.B.,  
*Assistant Professor of English*

W. ALFRED EVERHART, M.S.,  
*Assistant Professor of Chemistry*  
(On leave of absence, 1925-26)

JOHN FARMER BRINSON, FIRST LIEUT. INF., D.O.L., U.S. Army  
*Assistant Professor of Military Science and Tactics*

FANNIE J. FARRAR,  
*Assistant Professor of Piano*

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*Assistant Dean of Shepardson College*  
*Assistant Professor of English*

JESSIE D. CRAWFORD, B.R.E.,  
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*Assistant Professor of Education*

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MARY R. FITCH  
*Instructor in Voice*

SUE HELBING, A.B.,  
*Instructor in Latin*

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*Instructor in Physical Education*

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*Instructor in Violin*

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*Instructor in Band*

WILLIAM B. SOUTHWORTH, A.B.,  
*Instructor in Modern Languages*  
(Second Semester, 1925-26)

MURIEL S. RICHARDSON, A.B.,

*Assistant in Library*

FLORENCE IRWIN, A.B.,

*Assistant in Library*

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*Acting pro tem. as President*

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*Dean of Shepardson College*

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*Dean of Doane Academy*

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*Assistant Dean of Shepardson College*

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MRS. LAURA SWARTZ,  
*Director of Shepardson Commons*

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MRS. N. H. OVERTURE,  
*Assistant to the Recorder*

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MRS. FLORENCE NICHOL FIELD  
*Dietician of Shepardson College*

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		W. A. Chamberlin

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B. Spencer	C. T. Brumback	J. H. Nunemaker

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T. A. Lewis  
L. R. Dean

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Lois Jones

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M. R. Fitch

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H. R. Hundley

F. G. Detweiler  
A. K. Mather

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P. Biefeld

F. J. Wright

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A. M. MacNeill

A. L. Tuller

M. E. Stickney  
H. L. Jome

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P. Biefeld

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C. D. Coons  
A. W. Lindsey

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# DENISON UNIVERSITY

## HISTORY

Denison University had its foundations in deep religious convictions. It grew out of the desire of the Baptist denomination in Ohio for a well-educated ministry to lead their work in an era marked by great expansion in religious and material life. This aspiration led to the organization of the Ohio Baptist Education Society in 1830, with the express aim of providing a school of higher learning. At the Society's first annual meeting, at Lancaster on May 26, 1831, the decisive step in founding such an institution was taken by the appointment of trustees and by choosing Granville, a town noted for its moral tone, as its location. The "Granville Literary and Theological Institution," so named in its first charter, opened its doors on December 13, 1831, occupying temporarily the Baptist Church on the present site of the Conservatory of Music. The purpose of the founders, as expressed in an address of the next year, was "to furnish the means of obtaining a thorough classical and English education, which shall not be inferior to what can be obtained in any institution, of whatever name, in the western country."

The enterprise embraced at first some features of an agricultural college, occupying a farm one mile southwest of town. But these features were soon abolished as impractical in connection with collegiate instruction. The theological department was also subsequently abandoned. In 1845 the name was changed to Granville College.

In 1855 the present site on the hill north of town was secured and the college was moved to the new location. This was the beginning of more rapid growth. A small endowment fund was raised, and the name was changed to Denison University. The University was fortunate in having in the Faculty and the Board of Trustees some educational enthusiasts, who brought it successfully through the trying experiences of the early years.

In the period following the Civil War the University grew more rapidly. The endowment fund was doubled, reaching the sum of \$100,000, and several buildings were added to the equipment. The curriculum was extended, and faculty and students increased in numbers..

In the next year after the founding of the institution for young men, a private school for young women was organized. Mr. Charles Sawyer, a merchant of Granville, was instrumental in its establishment by erecting two buildings for the school on the present Shepardson campus. After existing more than fifty years as a private enterprise and being firmly established eventually by Dr. D. Shepardson, this school was turned over to the Baptist denomination in 1887 and affiliated with Denison. In honor of its donor, a zealous advocate of women's education, the new department was called Shepardson College for Women. An endowment was raised for its maintenance. In 1900 a closer union of the two institutions was effected by the co-ordination of Shepardson College with Denison University. Its students enjoy the same scholastic advantages as the men of Denison and receive the same recognition on completion of the course.

Provision was made for musical training by the organization of the Denison Conservatory of Music, a department complete in itself, but affiliated with the collegiate departments.

A preparatory department of the College has always been maintained to furnish the training adequate for entrance to the higher courses. In 1895 this was more definitely established as a complete institution and named Doane Academy.

The University now embraces the following departments: Granville College for Men, Shepardson College for Women, The Conservatory of Music, and Doane Academy.

During the last thirty years the University has shared in the general intellectual stimulation and has expanded rapidly in material and scholastic resources. Its standing as one of the strategic institutions of the country has attracted private and public beneficences which have greatly increased its endowment

fund and physical equipment. The endowment and other property have more than doubled in the last seven years.

Denison University is a religious institution in the sense that it is fostered by a religious denomination and that its entire life and management are dominated by religious motives. There is no attempt nor desire to force instruction into sectarian channels, and all advantages are freely offered without any religious distinction. The aim of the University is to provide a thorough college education under such influences as strengthen Christian faith and build up Christian character.

During the nearly one-hundred years of its existence, the University has been true to the religious and scholastic purposes of its founders. Its religious influence is marked by the large number of graduates who have given their lives to the Christian ministry and to the cause of home and foreign missions. In teaching and in other professions, as well as in commercial and industrial pursuits, Denison is worthily represented by many alumni.

Denison's record in the World War reflects the loyal spirit which has always characterized the institution during times of national stress. The University and its equipment were put at the service of the Government, and the work was adapted to military ends. Scores of students left the college halls for military camps, and hundreds of graduates entered into all branches of the Army and Navy. The record of their service forms an honorable chapter in the history of the University.

## LOCATION

Granville, the seat of Denison University, is known as a place of rare natural beauty. It is situated in a fertile valley, encompassed by hills of moderate altitude. From College Hill the views of the country-side are most pleasing and inspiring. The town is 27 miles east of Columbus on one of the main thoroughfares of the state. It lies on the Toledo and Ohio Central Division of the New York Central Railway. It is reached by the Pennsyl-



vania Lines and the Baltimore and Ohio Railroad at Newark, 20 minutes distant by interurban service.

Auto-buses maintain frequent services with Newark and with Columbus.

Granville is one of the oldest towns in the state, having been settled by colonists from Massachusetts in 1805. From these pioneers it preserves the features of New England life. High moral and intellectual ideals have always marked the place. Although small, the town enjoys many of the advantages of city life. It has well-equipped churches and modern civic activities.

The many improvements of a public and private nature made within the last year or two reflect the fine community spirit that prevails. Among these may be mentioned the Granville Inn, in which most comfortable accommodations are furnished amid beautiful surroundings, including a golf course; a public library, a memorial to one of the pioneer families; a High School, amply furnished; a new post office, complete with up-to-date equipment; the People's State Bank; and the offices of the Ohio Baptist Convention, the center of the activities of the Baptist denomination of the state.

Several modern churches of different denominations serve the religious interests of the community.

In material equipment the town enjoys a pure water supply, a modern sewerage system, paved streets, an automatic telephone system, and electric lighting for public and domestic purposes.

## GROUNDS AND BUILDINGS

### ENDOWMENT AND PROPERTY

The total amount of property invested in Denison University is five million dollars. Three million dollars of this sum is in income-bearing endowment. The grounds, buildings and equipment are valued at two million dollars. Eighteen major buildings are owned and occupied for purposes of instruction and residence.

## GATES AND WALKS

College Hill, the site of the main buildings of the University, is approached by a winding avenue from the town. At the east entrance to the grounds is an ornamental terrace of brick, with walks leading on either side to the various halls and to the Library. From Shepardson Campus the entrance is through two colonial gateways of brick at either end of a semi-circular walk which leads to the Plaza on the south slope of the hill. These adornments and conveniences of the campus were supplied through the beneficence of Mr. E. J. Barney, LL.D.

## THE CAMPUS

The campus of Denison University covers an area of 350 acres, having recently been greatly enlarged through the generosity of Colonel Edward A. Deeds, Vice-President of the Board of Trustees. Beginning on West Broadway, it extends one mile to the north, including hillside and valley, woodland and fields. The main axis is formed by a ridge of hills rising 1100 feet above sea level and affording a prospect unrivalled for beauty in the state. This enlarged campus provides amply for the extensive building projects of the University, and furnishes adequate space for all forms of outdoor recreation. It is being developed according to well-considered plans of landscape architects. In addition to athletic fields a path three miles in length has been constructed, winding through woods and meadows, with rustic houses and equipment at different places for outdoor diversions. An open-air theater is a part of the equipment. In all seventy-five acres are set aside for recreational purposes.

## RESIDENCE HALLS

**Dormitories for Men**—Two dormitories, Marsh Hall and Talbot Hall, together furnish accommodations for about one hundred and fifty men. They are four-story brick buildings, with modern conveniences, and are supplied with heat and light from the central power plant. Marsh Hall, which was partially destroy-

ed by fire in 1918, has been fully reconstructed and is leased as the residence hall of the Denison Commons Club.

**Shepardson Dormitories**—Sawyer Hall and Mary Thresher Beaver Hall are the new dormitories opened for use this year. They are the first buildings to occupy the new site of Shepardson College. The two halls, identical in construction, are of the colonial style of architecture. The rooms are en suite and completely equipped. Each hall accommodates 65 students and is reserved for members of the senior and junior classes. Burton Hall, King Hall and Stone Hall, located at the foot of College Hill on the Shepardson quadrangle, facing Broadway, furnish accommodations for one hundred and twenty-eight young women, together with reception parlors, reading rooms, and apartments for Shepardson officers and faculty members. Additional houses near the campus are owned or leased by the University for the accommodation of students. All the halls, houses and homes are supervised under uniform rules by teachers and matrons.

**Shepardson Commons**—Erected in 1893, is the dining hall of the women students resident on or near the old campus.

#### ACADEMIC HALLS

**Barney Memorial Hall**—This hall was built and equipped for the college by the late Eugene J. Barney, LL.D., of the Board of Trustees, in memory of his father, Eliam E. Barney, who was one of the most generous and devoted supporters of the institution in its early days. Science Hall, as it is familiarly called, dating from 1894, was rebuilt in 1906, after being partially destroyed by fire. The new building is fireproof. It has four floors, consisting of laboratories, lecture rooms, special libraries and offices, principally for the departments of Physics, Geology and Civil Engineering.

**Doane Academy Hall.**—This is a gift, in 1894, of the late Dr. W. H. Doane, member of the Board of Trustees. Although erected primarily for the Academy, much of its space is devoted at present to the College.

The Officers of Administration, including the President, the Secretary, the Recorder, the Treasurer, the Dean of the College, and the Dean of the Academy, occupy offices on the first and second floors. The third floor consists of a large assembly room, seating about 500.

**Doane Library**—The main university Library is housed in Doane Hall, a building presented by the late Dr. W. Howard Doane in 1879. It is open to instructors and students in all departments, with free access to the shelves. The overcrowded condition of the present building has brought about the establishment of special collections and reading rooms in many of the departments of the University.

**Cleveland Hall**—This Hall was erected in 1904 with funds provided by certain Cleveland benefactors. It represents the care taken for the physical and social needs of the men students.

**SWASEY GYMNASIUM** occupies the main part of the building. It consists of a large floor for athletic games, a running track, swimming pool and locker rooms.

**SHERWIN HALL** is an auditorium for the meetings of the Young Men's Christian Association. Trophy Room is a commodious hall, adorned with pictures, prizes and other souvenirs of inter-collegiate games.

**Doane Gymnasium**—The gymnasium for the young women of Shepardson College was donated by Dr. Doane. It is equipped with swimming pool and has a large floor for class athletics and sports.

**Swasey Observatory**—The Observatory was erected in 1909 through the generosity of Ambrose Swasey, Sc.D., former President of the Board of Trustees. It is of white Vermont marble and is equipped with modern astronomical instruments of the best quality.

**Conservatory of Music**—The large residence of former Professor A. U. Thresher is used as the main building for the

Conservatory of Music. It marks the site of the first Baptist Church built in Granville, in which the college was opened in 1831.

**Recital Hall.**—Adjoining the Conservatory is the Recital Hall arranged for the public musical recitals. It contains a pipe organ and grand pianos, and is furnished with stage and curtains, and a lantern for motion-pictures.

**Central Heating and Lighting Plant.**—The University is equipped with a modern system of electric lighting and hot-water heating located in a central plant adjoining Cleveland Hall.

**Swasey Chapel.**—College Hill is crowned with this stately edifice, provided by the beneficence of Dr. Ambrose Swasey. It was dedicated April 18, 1924. No expense has been spared to make this Chapel complete in every respect for its purpose. It is colonial in style, faced with six Ionic columns supporting the portico. The graceful tower is electrically illuminated at night. It contains a set of chimes, whose music lends a reverent touch to the activities below. The construction is fireproof throughout. The auditorium has a seating capacity of 1300. A complete equipment for religious services is provided, including a 3-manual Austin organ. Standing in the center of the group of buildings which the new Denison will occupy, Swasey Chapel emphasizes the supreme place of faith in the educational ideals of the College. A curving terrace, buttressed with a stone wall, arching the college drive, and extending from Talbot Hall to Prospect Hill, is in process of construction as an approach to the Chapel. In front of the Chapel and of the President's Home, flights of steps will lead to the lower road.

**Denison Wigwam.**—This is a temporary structure used primarily for basketball. It has a large floor space and seats for 1650.

**Chemistry Cottage.**—A plaster and stucco building 140'x52', one story high, erected in 1925-1926, houses the Department of Chemistry. Three large, well-equipped laboratories provide desk space for about 230 students. Lighting, ventilating and plumb-

ing have received special attention. A lecture room with 91 seats is separated by rolling partitions from a recitation room seating 52 persons; in all 182 seats can be provided in the enlarged lecture room. A departmental reading room, an office, two private laboratories, balance room, store rooms, lecture preparation rooms, etc., give ample space for the activities of the Department.

#### BEAVER FIELD

Through the generosity of Mr. F. P. Beaver, a member of the Board of Trustees, this athletic field was provided twenty-four years ago and was one of the first to be acquired by an Ohio college. It is used at present as auxiliary to Deeds Field.

#### DEEDS FIELD

The new athletic field, named in honor of the donor, Colonel Edward A. Deeds, was dedicated November 4, 1922. The football field occupies a natural amphitheater under the shelter of College Hill. It is in the form of an oval, opens towards the east, flanked by a concrete stadium with a seating capacity of 6000. The north side of the stadium is constructed so as to enclose a field house, containing dressing-rooms, shower-baths, lockers and other accommodations for the players. A cinder track borders the oval, and outside of this are cement walks, with concrete shelters on either side for the local and visiting teams. Further development of Deeds Field will be carried on, with a view to providing the widest opportunity for outdoor sports. A varsity baseball field is being prepared on the lower terrace, and ample space is left on the north side of the campus for other sports. By this development the ideal is now possible of every member of the University enjoying some form of daily exercise.

#### FUTURE BUILDINGS

For several years prominent architects have been engaged on plans for the enlargement and beautifying of the University plant. Several new buildings are in contemplation for erection in the

near future in order to keep pace with the expansion of the institution. It is hoped that by the centennial year of the University, five years hence, the enlarged physical plant of the new Denison will be realized. Provision is being made for the erection of the *Helen Arnett Whistler Memorial Hospital*, which will occupy a site on Prospect Hill, near the residence halls of the new Shepardson campus. Among the immediate and pressing needs of the institution are a new library building, which would add to the effectiveness of every department of instruction, a hall for class rooms, and an administration hall.

#### RESERVE OFFICERS' TRAINING CORPS.

Denison is selected by the U. S. Government as one of the institutions in which a military department is established, by Act of Congress, June 3, 1916, for the training of Reserve Officers of the Army. Officers of the regular Army are stationed at Denison and a course in military science and tactics is established, covering four years of theoretical and practical work. Attendance at a summer training camp under actual military conditions is included, the Government furnishing transportation to and from the camp and clothing and subsistence while there. Uniforms and equipment are furnished by the Government. Commutation of rations at the present rate of 30c per day is allowed, and an additional allowance during attendance at camp is paid to all students during their third and fourth year in this course, making a total compensation of about \$220.00 for the two years.

A student who successfully completes this course and accepts a commission in the Officers' Reserve Corps may, at his option, be appointed and commissioned by the President of the United States as a temporary second lieutenant of the United States Army for a period not to exceed six months, during which time he will receive the allowance of a second lieutenant and pay at the rate of \$100.00 per month.

Successful graduates who accept commissions in the Officers' Reserve Corps are frequently placed on active duty at their own request for 45 days during the summer following graduation.

Such Reserve Officers serve as instructors at Citizens' Military Training Camps and receive full pay and allowances of a Second Lieutenant, amounting to about \$145 per month, and mileage at eight cents per mile for travel to camp from Granville and return.

The President of the University upon recommendation of the Professor of Military Science and Tactics may designate each year not to exceed 3 percent of the graduates of the Reserve Officers' Training Corps as Honor Graduates. Such Honor Graduates are commissioned Second Lieutenants of the Regular Army of the United States without mental examination, if they so desire, provided vacancies exist at the time of their graduation.

### DEPARTMENTAL EQUIPMENT

Denison is a college of liberal arts and sciences. During the past twenty-five years the growth has been rapid in the scientific departments. Without competing with technological schools the science departments have been developed to that degree that they serve admirably those students who are looking ahead to technical professions. During the same period additional departments of language, history, education and social sciences have been organized, so that the curriculum embraces the subjects of general human interest. A brief survey of the physical equipment of the departments will indicate the resources of the College in these respects.

#### ASTRONOMY

The equipment of Swasey Observatory is intended both for teaching and also for research work in special lines. The equipment consists of a nine-inch equatorial of the standard Warner and Swasey type, with optical parts by Brashear, a Warner and Swasey position micrometer and wedge photometer, by Cooke and sons, England. The transit room contains a combined transit and zenith telescope of four-inch aperture. Mean and sidereal time clocks by Riefler are connected by means of a chronograph with both the equatorial and the transit. The library is furnished with standard astronomical periodicals both American and



European. The Observatory is equipped with a wireless receiving station.

#### BOTANY AND ZOOLOGY

These two departments are located in Talbot Hall. The arrangements include lecture rooms and laboratories for general and advanced classes and facilities for research work. There is opportunity for bacteriological and genetic studies.

The Herbarium embraces representative collections from the United States and Mexico and is especially rich in local flora. The department library is supplied with botanical and zoological journals, including the many American and foreign exchanges of the Denison Scientific Association.

#### CHEMISTRY

The Chemistry Department occupies Chemistry Cottage, described on p. 25.

#### CIVIL ENGINEERING

The Department of Civil Engineering occupies the upper floors of Barney Hall. It possesses a full equipment of instruments for field work. For illustrative purposes there is a well selected supply of drawings and specifications of bridges, water systems, and all forms of modern high-way construction. The drafting rooms are well lighted by large sky-lights and furnished with the usual requirements.

#### GEOLOGY

The Department of Geology occupies the third floor of Barney Hall. The lecture room is supplied with stereopticon and screen, and a collection of 5000 slides. The geographic laboratory contains an unusually fine equipment of maps and relief models and several hundred of the topographical sheets of the U. S. Geographical Survey. More than 300 drawers of mineral specimens and fossil collections are available. The department library, named in honor of the late G. K. Gilbert, contains his per-

sonal collection of books and pamphlets presented in recognition of the valuable contributions to geology made at Denison.

### PHYSICS

The Department of Physics occupies the first and second floors of Barney Memorial Hall. It is well supplied with rooms for administration, instruction and laboratory purposes, including photometric and photographic dark rooms, a constant temperature vault and rooms for research and special work. A complete set of vacuum tubes and modern apparatus for the reception and transmission of wireless signals are installed. A telephone transmitting station, licensed under the call WJD, is used for the broadcasting of musical and educational matters.

### MILITARY SCIENCE

The armory and office are located on the lower floor of Barney Science Hall. Students of the Basic Course receive regulation O. D. woolen uniforms and complete equipment of an infantry soldier of the U. S. Army, for use while enrolled in the Corps. Advanced Course students are furnished with a tailored uniform for which the War Department provides \$30 per student. This uniform becomes the property of the student upon completion of the course and is suitable for his use as a Reserve Officer.

The armament consists of one Springfield rifle of the latest model per student, 4 Browning automatic rifles, 2 Browning machine guns, 1 3-inch Stokes trench mortar, 1 37-mm gun, 18 automatic pistols, and hand and rifle grenades.

An out-door target range, with a limit of 200 yards and having four regulation sliding targets, affords opportunity for practical instruction in firing the rifle, pistol, automatic rifle, and machine gun. Students are permitted to shoot regulation marksmanship courses, for qualification in which suitable medals are awarded.

An in-door range for .22 caliber rifle practice is also available and is used for intercollegiate team matches during the winter.

## THE NON-LABORATORY DEPARTMENTS

These departments have available their special libraries, journals and papers, with maps, lanterns and slides where needed. The journalism room is equipped with desks and typewriters. Practical work in the local and adjoining communities is available for students in the Departments of Education, Christian Education, Journalism and Sociology. Students who prepare for teaching are assisted by the Committee on Teaching Appointments in securing positions.

## DEPARTMENTAL ORGANIZATIONS

The Denison Scientific Association, organized by the late Professor Clarence Luther Herrick in 1887, is not only the oldest departmental organization but also is the most inclusive in its activities and interests. The Association publishes the *Bulletin of the Scientific Laboratories*, a journal of research, founded by C. L. Herrick. Its merit is recognized by learned societies in all parts of the world, many of whom receive the Bulletin in exchange for their own publications. By this means the Association has built up a valuable collection of scientific works from the leading scientific societies of our own and other countries.

The Association holds bi-weekly meetings, open to all, at which lectures and reports of investigations on current scientific topics are presented by professors of Denison and other institutions. Faculty and students are thus made acquainted with the progress of science in many fields.

Departmental Societies, more or less affiliated with the Scientific Association, and co-operating with it, are maintained by the Departments of Geology, Chemistry, Mathematics, Engineering, Zoology and Botany, History, Classical Languages and Modern Languages. These offer opportunity for the students to present papers and discuss with their professors and fellow students topics not included in the regular courses.

## STUDENT ORGANIZATIONS

A large number of organizations are maintained by the students. They exist for a variety of purposes, which may be grouped in general under six divisions: administrative, religious, literary, musical, recreational, and social. These organizations, in so far as they represent the college in any public way, are managed by Boards of Control, composed of faculty members and students and working in close co-operation with the collegiate department most closely allied with each interest.

## I. ADMINISTRATIVE

The Student Association of Granville College, and a similar association of Shepardson College, were organized under the authority of the Board of Trustees and the Faculty of Denison University for the purpose of self-government. They include all of the students in their membership. They elect their own officers and boards and administer, with few restrictions, the student affairs of the University. The student Councils, composed of the chairmen and representatives of various student organizations and the Faculty, represent the associations in an advisory and executive capacity.

The honor system is applied in all classes and examinations. It is administered by the Student Association.

## 2. RELIGIOUS

These include the Y. M. C. A., the Y. W. C. A., the Student Volunteer Band, the Ministerial Association and Student Fellowship for Christian Life Service, all of which co-operate in maintaining the high Christian standards and the wholesome atmosphere of the college. They maintain a comprehensive scheme of Bible and of mission study in connection with the Sunday Schools of the local churches. By means of devotional meetings, of gospel team deputation work, of aid in Americanization work and various other forms of community service, they furnish opportunity for exercising and developing the students' capacity for Christian work. They aid in the financial support of a Denison representa-

tive on the mission field in West China, where there is an unusually large number of Denison graduates.

### 3. LITERARY

The Calliopean and Franklin Literary Societies for the young men date back to the early days of the college. Other organizations offer like opportunities for literary training.

The Society of Debate and Oratory is composed of students who show excellence in public speaking. The Society holds public debates with other colleges.

The Denisonian, the weekly college paper, The Adytum, the college annual, and The Flamingo, a monthly, are published by the students.

The Masquers is the college dramatic club. Modern dramas are studied and several public performances are given during the year. Admission to membership is by competition.

### 4. MUSICAL

The Denison Glee Club for men, the Shepardson Glee Club for women, the College Band, the University Orchestra, the Engwerson Choral Society and the chapel and church choirs furnish large opportunity for the exercise and development of the students' musical talents. (For fuller description see under Conservatory of Music, p. 93)

### 5. RECREATIONAL

The Student Association for men and The Shepardson Athletic Association for women are in control of the inter-collegiate and intra-mural sports. They provide not only the special teams for the usual athletic contests, but also general games and exercises suitable for the recreational and physical needs of all the students. Large facilities in this respect are made possible on Deeds Field and the accompanying practise and recreation fields.

### 6. SOCIAL

Fraternities, some of them established here more than fifty years ago, sororities, The Denison Commons Club, and the Shep-

ardson Club, represent the social side and, in the case of the men, provide living arrangements. Other groups, such as the Cosmopolitan Club, reflect the varied interests of college life.

## SCHOLASTIC AWARDS

### 1. PHI BETA KAPPA

The Phi Beta Kappa Society was founded nearly one hundred and fifty years ago for the purpose of recognizing and encouraging scholarly ideals among college students. The chapter at Denison, known as Theta of Ohio, was instituted in January, 1911 upon the granting of a charter by the Senate and National Council of the Society. New members are elected each year, principally from the seniors, but a few from the juniors, from those who have the highest standing in scholarship in their respective classes.

### 2. HONORS

1. Annual Honors. Annual honors are awarded at the end of each year to the members of each class according to the following standard: not less than twenty-four hours of A grade, the remainder not lower than B grade. The total number of hours for the year shall not be less than thirty-two except when courses 111, 112, 211, 212 in Physical Education are being taken, in which case the total number of hours exclusive of these courses should not be less than thirty. Grades made in these required courses in physical education are not to be counted in competing for Annual Honors.

2. General Honors. General Honors are awarded at graduation only, according to the following standard: Ninety-three or more hours of A grade, the remainder not lower than B grade. Grade made in Physical Education 111, 112, 211, 212, are not to be counted in competing for General Honors.

3. Departmental Honors. Departmental Honors are awarded at graduation only, to those who have obtained a standing of A in one or more departments in courses amounting to not

less than twenty-four semester hours, provided that there shall have been no grade less than B in any other courses which may have been taken in the department.

4. Special Honors. Special Honors are awarded at graduation only, according to the following plan: Any regularly classified student who has maintained an A rank in not less than half of his work during five successive semesters of the freshman, sophomore, and first half of junior years, and who has not fallen below C in any single study may with the consent of the faculty be enrolled as a student for honors in some selected department of study.

Application for such enrollment shall be made prior to the spring vacation of the junior year. If the application be granted the professor in charge of the department selected shall assign work to the applicant substantially equal in amount to a three hour study for the year.

The student shall be examined on this work prior to the spring vacation of the senior year. The examination shall be conducted under the direction of the professors in charge, assisted by some other member of the faculty to be appointed by the president, and in addition to the special assignment the examination shall cover, in a general way, all other work which the applicant has taken in the same department.

During the interval between enrollment for honors and examination the student must make an A rank in all work done in the department to which his special study belongs, and must not fall below B in any other department. He must also maintain unblemished record in the department.

Work done for Special Honors must not be elementary in its character and in no case shall it be the only work done in the department in which it is taken. Advanced elective courses already offered may be utilized as honor courses, or special topics may be assigned to suit individual cases but in no case shall work upon which special honors are bestowed be counted as any part of the student's requirements for his degree.

All honors duly earned shall entitle the student to have his name placed upon the records of the University with the state-

ment of the Honors which he has received, and the fact shall be engrossed upon his Diploma, announced on Commencement Day, and published in the Annual Catalog.

### 3. RHODES SCHOLARSHIPS

Men who have completed their sophomore year at Denison University are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of \$1500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curriculum activities. Further information may be obtained from the Secretary of the Rhodes Scholarship Committee of Selection for Ohio, Professor Leigh Alexander, Oberlin College, Oberlin, Ohio.

### 4. PRIZES

(a) The Lewis Literary Prize Contest. These prizes were given to the Franklin and Calliopean literary societies by Mr. Charles T. Lewis, former president of the Board of Trustees and are now continued by his sons Howard Lewis and Frank Lewis of the classes of 1900 and 1902, respectively. The prizes are as follows: \$40 to the best debater, \$30 to the best orator, \$20 to the best essayist, and \$10 to the best declaimer. Competition is open to students of Granville College.

(b) The Samson Talbot Prize Reading. This is an endowed-prize for the best reading of Scripture and is open to seniors and juniors. The prizes are \$40 and \$20 respectively.

(c) Lake Laboratory Scholarship Prize. The University offers as a prize to students in the departments of Botany and Zoology a scholarship in the State University Lake Laboratory, for the summer session following the award. This prize is awarded on the basis of general excellence in the work done in these two departments. In case two applicants seem equally meritorious two such scholarships may be offered.

(d) The Gilpatrick Scholarship. This is endowed by a fund contributed through the Society of the Alumni by former students and friends of Professor John Lord Gilpatrick. It is



open to seniors and is awarded annually by the faculty upon the basis of excellence in mathematics.

(e) The Harmon Freshman Latin Prizes. Ex-Governor Judson Harmon, of the class of '66, offers a prize of \$50 each year for the best work done in Freshman Latin, and a second prize of \$25, the award to be made on the basis of a special examination at the end of the year.

(f) The Woodland Prizes in Chemistry. J. Ernest Woodland, '91, bequeathed to the University, in honor of his father, William Henry Woodland, the sum of \$5000 for the establishment of two annual prizes: \$150 for the best, and \$50 for the second best original thesis on some phase of Chemistry in its relation to industrial everyday life. Conditions of the competition are announced each September in the special number of the Denison University Bulletin issued by the Department of Chemistry.

#### 5. SCHOLARSHIPS

For deserving students in need of assistance the University has at its disposal the annual income of certain funds.

Good class standing and exemplary conduct in all relations of life are prerequisite to the enjoyment of any of these scholarships. Students holding them may be called upon to render a certain amount of service to the University but never to an amount which will interfere with regular college work.

1. The Mary K. Monroe Fund, \$30,000. The income of this fund is available for ministerial students in Granville College, and in the Theological Seminaries after graduation from Denison.

2. The King Scholarship Endowment, \$12,000, for the aid of young ladies in Shepardson College.

3. The Ebenezer Thresher Fund, \$10,000, for the aid of young men in Granville College.

4. The M. E. Gray Fund, \$5,000, for the aid of ministerial students of Granville College.

5. The David and Jane Harpster Fund, \$1,500, available for students in Granville College or Doane Academy.

6. The David Thatcher Fund, \$1,500, available for ministerial students in Granville College or Doane Academy.
7. The Mary Arnold Stevens Fund, \$500, for students in Granville College or Doane Academy.
8. The Shepardson Scholarship, \$1,000, for students in Shepardson College.
9. The Luse Scholarship, \$1,000, for students in Shepardson College.
10. The Bostwick Scholarship, \$1,000, established by A. F. and A. A. Bostwick, of Seville, Ohio.
11. The Griswold Scholarship, \$5,000, the gift of the late G. O. Griswold, Esq., of Warren, Ohio.
12. The Lewis Scholarships, contributed by Charles T. Lewis, Esq., of Toledo, affording free tuition annually to two students.
13. The Doyle Scholarship contributed by John H. Doyle, Esq., of Toledo, Ohio, affording free tuition annually to one student.
14. The Gilpatrick Scholarship. (See Page 36.)
15. The Wells A. and Cynthia Aldrich Chamberlain Scholarship, \$2,750, endowed by their sons and daughter, for the aid of students of Denison University.
16. The Edward Le Grande Husted Fund, \$1,000, endowed by Jessie Husted Chamberlain, the income to be loaned to students of Denison University.
17. The Maria Theresa Barney Fund, from which the President of the University has a varying amount at his disposal each year to be loaned to students at his discretion, without interest.
18. The Ohio Baptist Education Society has at its disposal free tuition scholarships for its beneficiaries to the number of forty, if necessary.
19. The Denison Moraine Park Scholarships, 4 in number, founded by Col. E. A. Deeds, are awarded to the honor student of Moraine Park School of Dayton, Ohio. Each is valued at \$400.

20. The Charles F. Burke Student Loan Fund and the Lorena Woodrow Burke Student Loan Fund, \$2,000, administered in accordance with the plans of the Harmon Foundation, available to juniors and seniors.

21. The Noyes Scholarships, founded by Laverne Noyes, 10 in number, are available for men who served in the World War, and their children. Each has an annual value of \$200.

22. High School Scholarships. An endowed scholarship to the highest honor student (boy or girl) in the graduating class each year is offered to a selected list of secondary schools. This is worth \$50.00 for each of four years, and its use must be begun during the year of graduation.

23. Music Scholarships. The sum of \$250 is awarded by the Board of Trustees, upon the recommendations of the Director of the Conservatory and the President of the University.

24. The Abbie Pence Houck Fund, \$20,000, available for ministerial students in Denison University.

## ADMISSION TO THE COLLEGE

### A. BY CERTIFICATE

The graduates of first grade high schools and academies are credited with their certified preparatory work without examination, so far as such work agrees with the entrance requirements of the University. Candidates must present certificates, officially signed, showing the work done and credit gained in each study. These certificates must be in the Secretary's office not later than two weeks before the opening of the respective semesters, to avoid late registration and the consequent fee. Entrance blanks will be furnished upon request.

Applications for admission with residence in Shepardson College for Women must be accompanied by a \$5.00 fee and by a certificate of entrance and any advanced credits (with honorable dismissal) by July 15 of the year of entrance.

## B. BY EXAMINATION

Applicants for admission who are not graduates of approved secondary schools may present themselves for examination in the subjects required for entrance to the freshman class. Examinations will be given on September 14, 15, 1926.

It is recommended that candidates for admission by examination take the examinations set by the College Entrance Examination Board, at any of the several cities where they are offered. Applications should be addressed to the office of the Board, 431 West 117 St., New York, before May 15, 1926.

No special students can be accepted for undergraduate work.

## ENTRANCE REQUIREMENTS

Fifteen units distributed as indicated below are required for entrance, and no student is admitted to freshman rank who has not completed at least fourteen units. A unit is defined as a year's course of study in a given subject, with 4 or 5 forty-minute periods of recitation per week, in an approved secondary school.

1. The following  $10\frac{1}{2}$  units are prescribed for all:

English, 3	History, 1
Mathematics, 2	Science, $\frac{1}{2}$

Foreign language, 4 (at least 2 in the same language)

Candidates for the B.S. degree may substitute 2 units of Science and Mathematics, as listed in paragraph 2, for the third and fourth units of foreign languages.

2. At least  $2\frac{1}{2}$  additional units must be selected from the following subjects, the number indicating the maximum number of units that will be accepted in any subject:

English, 4	Physics, 1
Latin, 4	Chemistry, 1
Greek, 3	Phys. Geog., 1
French, 3	Botany, 1
German, 3	Zoology, 1
Spanish, 3	Physiology, 1
History and Civics, 4	Agriculture, 1

Mathematics,  $3\frac{1}{2}$  (Algebra, Geometry and  $\frac{1}{2}$  unit of Trigonometry.)

In this group may be included the following subjects with the respective amounts noted, upon the recommendation of the college departments especially concerned:

Bible, 1	Psychology, $\frac{1}{2}$
Economics, $\frac{1}{2}$	Sociology, $\frac{1}{2}$
Theoretical Music, 1	

3. Not more than two units may be presented from the following subjects:

Mechanical Drawing, 1	Manual Training or Shop
Freehand Drawing, 1	Work, 1
Domestic Science, 1	Commercial Law, 1
Stenography (if a full unit), 1	Commercial Geography, 1

#### PROVISIONAL ADMISSION

High school graduates who lack not more than 2 of the prescribed units for entrance are admitted provisionally to college standing, conditioned on making up the deficiency within two years. They will be listed as "unclassified" college students, if lacking more than 1 unit.

Entrance conditions may be removed by courses in Doane Academy, or by special arrangement in individual cases.

All entrance conditions shall be removed by the end of the second year of college residence, otherwise continued registration is denied. Likewise, as a prerequisite for registration the second year, a determined effort, approved by the registrar, must be made during the first year toward clearing such conditions.

#### EXCESS ENTRANCE CREDIT

Application for excess entrance credit must be made at the time of matriculation and documentary evidence of the same presented within six weeks. All such credit, if allowed, is provisional upon the student's maintaining a prescribed high standard of scholarship during the year. No excess entrance credit is allowed for high school work, unless at least one semester more than four

years has been spent in the secondary school; when allowed, it shall never represent more than fifty per cent of the school credit, and the maximum is ten semester hours. In cases of deficiencies in the required subjects for entrance (although a total of fifteen units is presented), a request for a limited amount of excess entrance credit partly to counterbalance the deficiency will be given consideration by the Secretary.

#### ADVANCED STANDING

Students who have completed a part of their course at other colleges may apply for admission with advanced standing. They should present a certified statement of their preparatory course, also of the work completed and the credit gained at the former institution, and a certificate of honorable dismissal. Equivalent credit will be given for the work they have successfully completed, so far as it applies to the courses at Denison, but an examination may be required at the discretion of the Faculty.

#### REGISTRATION OF STUDENTS

New students will present themselves at the office of the Secretary on the opening day of the semester, for registration; otherwise a fee of \$5.00 is charged for late registration. In the first semester former students will defer their registration until the second day.

#### ADVISERS

Each student chooses as early as possible the department containing the line of study which he wishes to emphasize in his course. The professor in charge of this department becomes the student's adviser in his course of study and must be consulted at each subsequent registration.

#### SUBJECTS OPEN TO FRESHMEN

Courses 111-112 in English, 121-132, or 131 in Mathematics, and 111-112 in Physical Training are required of all candidates for degrees and must be taken in the freshman year. None of these subjects may be deferred to a later year except with the consent of the Secretary, on recommendations of the head of the department.

Students competing for the degree of Bachelor of Arts will take Latin or Greek, or both, during the freshman year. Students looking forward to advanced courses in Mathematics, Physics, Astronomy, or Engineering, are advised to take Mathematics 121-132 or 131-132, a five hour course, in the freshman year. All freshmen who present trigonometry for entrance register for Mathematics 131 the first semester.

The freshman schedule, in addition to the subjects mentioned in the preceding paragraph, will be determined by the student in consultation with his adviser from the following subjects:

Astronomy 111-112	Modern Languages
Botany 111-112	Military Science 111-112
Chemistry 111-112	Music 111-112
Christian Education 111-112	Physics 111-112
Civil Engineering 111-112, 114	Political Science 111-112
Education 111	Public Speaking 111-112
Geology 111-112, 121-122	Zoology 111-112
History 111-112	

Beginning language courses are open to freshmen, or more advanced courses if the elementary work has been done in the preparatory school.

#### ADDITIONAL REGULATIONS

*Normal Registration.* The average number of credit hours is 16, estimated as 1 credit for 1 hour recitation period or 2 hours laboratory period per week during the semester, to make up the requirement of 128 credits for graduation. This is the amount recommended for students in all classes, to secure best results. The maximum allowed a new matriculant is 18 hours, including 1 hour of physical training.

*Excess Registration.* For other students, more than 16 hours is *excess* and cannot be allowed except by consent of the Recorder in applying definite regulations of the faculty. A fee of \$5.00 shall be charged for each registered hour in excess of 18. Without special permission from the Dean's office, 13 credit hours shall be the minimum amount of registration.

*Changes in Registration.* Ordinarily no changes are allowed in registration after the registration card has been filed with the Secretary. For every change that is allowed, a fee of \$1.00 will be charged, unless remitted by the Secretary for satisfactory reason.

*Late Registration.* All students must complete their registration and settle with the Treasurer on the days set apart for this purpose. Failure to do so will be counted as late registration entailing a special fee of \$5.00.

*Dropping Work.* Work for which the student has once registered cannot be dropped except by formal permission secured through the office of the Registrar. A course abandoned without such permission, likewise (under certain conditons) a course in which the student is failing, will be counted as a failure and so recorded on the permanent record.

*Dismission.* Students who find it necessary to leave before the close of a semester, report to the President or Dean and receive their papers of honorable withdrawal.

*Chapel.* All students are required to be regular in attendance upon the chapel exercises and the college assemblies.

#### CLASSIFICATION OF STUDENTS

##### *For Freshman Standing*

No student will be classified as freshman who is deficient in more than 1 unit of preparatory work.

##### *For Sophomore Standing*

All entrance deficiencies must be removed.

At least 24 hours of college work and 26 points (including the required freshman courses in English, Mathematics and Physical Training.)

##### *For Junior Standing*

At least 62 hours and 68 points (including Physical Training 211-212 and all preceding requirements).



*For Senior Standing*

At least 96 hours and 105 points, and all preceding requirements.

## REQUIREMENTS FOR BACCALAUREATE DEGREES

The University confers the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Philosophy, upon the satisfactory completion of the respective courses of study indicated in the following paragraphs.

For convenience of reference, the various departments of study for which academic credit is allowed are grouped under two divisions, as follows:

*Division One*

Christian Education  
Education  
English  
Greek  
History and Political Science

*Division Two*

Astronomy  
Botany  
Chemistry  
Civil Engineering  
Geology

Latin  
Modern Languages  
Music (theoretical and historical courses)  
Philosophy  
Public Speaking  
Sociology and Economics

Mathematics  
Military Science  
Physical Training  
Physics  
Zoology

## COMMON REQUIREMENTS FOR ALL BACCALAUREATE DEGREES

All candidates for degrees must take English, 12 hours; Mathematics, 6 hours (5 hours for those who have presented trigonometry for entrance); Modern Language, 16 hours; Physical Training, 4 credits; 6 hours, in the junior or senior year, in Philosophy and Psychology, to be chosen from the following courses: Philosophy 321, 322, 331, 332, 441, 442 and Psychology

311. Students meeting the requirement for a provisional teacher's certificate may substitute for the courses in Philosophy the following courses in Psychology, 111, 312, or 321.

#### SPECIAL REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

In addition to the common requirements, as above, the candidate must take a sequence of courses amounting to not less than 32 semester credits from the combined departments of Latin and Greek and courses for at least 10 semester credits, including 4 hours laboratory credit, in Division Two. Elementary Greek courses, when taken in college by students of college standing, may be counted in fulfilling this requirement. Courses offered in the Greek and Latin departments not requiring a knowledge of these languages, and courses 101 and 102 in the department of Latin, may be counted for this requirement, but not to exceed 8 credits in all.

#### SPECIAL REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

In addition to the common requirements (second paragraph above) the candidate must take a principal sequence of courses amounting to not less than 20 semester credits in some one of the departments listed under Division Two (third paragraph above) and a secondary sequence of not less than 12 semester credits from studies in the same Division.

#### SPECIAL REQUIREMENTS FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

In addition to the common requirements (third paragraph above) the candidate must take a principal sequence of courses aggregating not less than 20 semester credits in some one of the departments listed under Division One (fourth paragraph above) and a secondary sequence of not less than 12 semester credits from studies in the same Division, and an addition of at least 10 semester credits, including 4 hours laboratory credit, in Division Two. Applicants for this degree may reckon Mathematics as

under Division One for either the principal or secondary sequence.

The term "sequence," as used in the preceding paragraphs, must be so interpreted as to insure a genuine logical relation between the courses of which the sequence is composed.

#### TOTAL NUMBER OF CREDITS REQUIRED FOR GRADUATION

The granting of any of these degrees requires the completion of at least 128 semester credits of scholastic work, including 4 credits in Physical Training. The unit of credit is 1 hour per week of lecture or recitation, or 2 hours per week of laboratory work, through one semester. The maximum credit allowed in any one department is 40 semester hours. In addition to credits a certain standard of scholarship, estimated as "points," is required. A total of 140 "points" must be earned, being reckoned on the student's standing, as follows:

"A" (Excellent).....	Earns 2 points per credit hour.
"B" (Good).....	Earns 1½ points per credit hour.
"C" (Fair).....	Earns 1 point per credit hour.
"D" (Passing).....	Earns no points.
"F" is a failure and course must be taken over in class.	

All credits to be counted for the principal sequence must be "C" or above.

By the close of the spring recess previous to graduation, the candidate for degree must have accumulated at least 110 semester credits and 112 "points," and must have paid all University bills including the diploma fee.

#### SPECIAL PRE-MEDICAL PROVISION

Any student who successfully completes all the specific requirements for the B. S. degree at Denison and all the specific requirements for admission to an A grade medical school, with a total credit of 98 semester hours and 110 points, shall receive the B. S. degree from Denison upon successful completion of the first year's work in such A grade medical school.

## THE MASTER'S DEGREE

Denison has no organized graduate department, but provision may sometimes be made to pursue graduate work leading to the degree of Master of Arts or Master of Science. When the applicant for such work desires to register for it he should first get the definite information from the departments of instruction concerned that they can furnish him graduate work, and should then at once present to the Faculty Committee on Advanced Degrees a statement of his plans for its approval. This should not be delayed beyond the regular period of registration required of all college students.

A year of residence work, with a total of 32 semester hours, and a thesis are required. Ability to read one foreign language is also required. The course shall consist of one major sequence comprising advanced work of graduate nature and amounting to one-half or more of the entire amount of work, with one or more minors in departments allied to that of the major sequence. Courses taken before graduation will be allowed to count only up to a limited number of hours. There will be a final oral examination conducted by the Committee on Advanced Degrees. The master's degree will not be conferred sooner than one year after the bachelor's degree.

Students in graduate courses are subject to the same tuition, incidental and laboratory fees as others. Their diploma fee is \$10.00

## EXPENSES

### TUITION AND OTHER FEES

Per semester.....	\$100.00
Tuition in Conservatory of Music, (See page 94).	

### DIPLOMA FEES

Bachelor's Degree.....	\$ 5.00
Master's Degree.....	10.00

## EXTRA CHARGES FOR CERTAIN COURSES

The fees indicated below are in all cases for a single semester. In some cases the fee is not a fixed amount, but depends upon special circumstances. Such cases are not included in this table.

ASTRONOMY—Course		112 .....	\$2.00
		212 .....	2.00
		311-312 per credit hour.....	1.00
BOTANY—Course	111 .....	\$ 3.00	112.....\$ 3.00
	113.....	2.00	114..... 2.00
	213.....	3.00	214..... 3.00
	315.....	4.00	316..... 4.00
	317.....	4.50	318..... 4.50
	417.....	1.00	418..... 1.00
CHEMISTRY—			
Course	111.....	\$ 6.00	112...\$6.00 (or \$9.00)
	211...6.00 (or \$9.00)		212.....6.00 (or 9.00)
	223.....	5.00	224..... 5.00
	311 Consult instructor		314 Consult instructor
	411.....	6.00	412..... 6.00
	413..No fee or deposit		414.....No fee or deposit
	415 Consult instructor		416 Consult instructor
Deposit, or breakage ticket, for each course unless specially mentioned, \$4.00.			
CIV. ENGINEERING—			
Course	111.....	\$ 1.00	112.....\$ 1.00
	113.....	1.00	114..... 1.00
	211.....	1.00	212..... 2.00
	322.....	2.00	325..... 1.00
	330.....	2.00	336..... 1.00
	411.....	1.00	412..... 1.00
GEOLOGY—			
Courses 111, 112, no fee. Other courses, each...			1.00
MUSIC—Courses	201, 202, 221, 222, 331, 332.....		12.00
	211, 212, 311, 312, 441, 442, 451, 452.....		8.00
	303, 304.....		6.00

Pianoforte, Voice, Organ, Violin, or Violoncello, no college credit				
Two private lessons per week			50.00	
One private lesson per week			27.50	
Physics—Course	113	2.00	114	2.00
	211	3.00	212	3.00
	311	3.00	312	3.00
	431	3.00	432	3.00
			344	3.00
Zoology—Courses 111, 112, 211, 212, 223, 224, 227, 228				1.25
				per hour of credit.

## BOARD AND ROOMS

Shepardson College	Room .....	\$45.00—\$75.00
	Board in Commons .....	90.00
Granville College	Room .....	20.00 to 30.00

Students of Granville College must make private arrangements for their meals.

Semester bills, including dormitory room-rent (and board in case of Shepardson students) are *payable in advance*. All payments, even if deferred by permission of the Dean, must be completed by December first and April fifteenth in the respective semesters, in order to avoid suspension from classes.

## SPECIAL FEES

*Excess Registration.* For conditions and amount, see page 43.

*Partial Registration.* Students taking less than 10 hours per week will be charged as follows: \$8.00 per semester hour. See exception in Conservatory (page 95).

Students in Granville and Shepardson Colleges taking part of their work in Doane Academy pay no extra charge for that work unless it makes the total number of hours exceed 18 per week.

Doane Academy students taking one or more studies in college will pay regular college semester bills.

*Late Registration.* See page 44.

*Examinations.* A fee is charged for a special examination: \$2.00 in case of a final and \$1.00 for a mid-semester, 1 hour examination.

*Refunding Semester Bills.* All registrations are for an entire semester and no money is refunded to a student who leaves before the end of the semester, with the following exceptions: a college student leaving during the first half of the semester, and regularly dismissed, will pay for the time of his actual enrollment at the rate of \$8.00 per week, counting from the first of the semester to the date of dismissal. The remainder of the semester charges will be refunded, except the amounts credited to the athletic and Denisonian fees.

#### REGULATIONS RESPECTING DORMITORIES

*Men's Dormitories*—Rooms for men in the dormitories may be secured on application to the Treasurer by paying a retaining fee of \$5.00 on or before August 1. If the room is occupied, this fee will be held subject to the rules and regulations governing the use of the dormitories; otherwise it is forfeited.

No room can be secured for a shorter time than one semester. If a room is vacated for any cause before December 1 of the first semester, or before April 15 of the second, only one-third of the room rent will be refunded. No rent will be refunded after these dates.

Rooms are in suites comprising sitting-room and bed-room (except single rooms for one person) and are supplied with dresser, bookcase and chairs, single iron bedsteads, mattresses and springs. Bedclothing and towels are provided by the student. The rooms are lighted by electricity and heated by hot water, and are in close proximity to lavatories on the same floor, where shower baths are provided, with hot and cold water.

*Women's Dormitories*—Rooms are provided for young women on the Shepardson College campus in Burton Hall, King Hall, and Stone Hall, and in Mary Thresher Beaver Hall and

Sawyer Hall on the new campus. Until the erection of other residence halls, additional room is secured in cottages owned or leased by the college in the immediate vicinity of the college grounds. Rooms may be secured by paying an application fee of \$5. This fee is credited on the room rent if the room is occupied; otherwise it is forfeited. For important information concerning admission, see page 39.

Ample lavatories are provided on each floor, which have baths with hot and cold water. Single iron bedsteads, mattresses, springs and rugs are provided in all rooms. All rooms and halls are lighted by electricity and heated by hot water. All bedding and toilet appliances are furnished by the students, whether in dormitories or cottages. Breakage or other damage to furniture of rooms is charged to the occupants.

*Refunding of Charges.*—No rebate can be made in the room rent of women, but to students leaving on regular dismissal before the December vacation of the first semester, or the spring vacation of the second, a charge is made of \$8.00 per week for board. No rebate is granted after these dates.

#### STUDENT EMPLOYMENT

A limited amount of remunerative employment is furnished by the University, including stenography, typing, mimeographing and other office work; library and laboratory and departmental assistance; messenger and telephone service, hall duty, janitor and carpenter and campus work. A total of about \$25.00 per semester is usually possible for new students. Apply to the Student Aid Committee for such employment.



## Departments and Courses of Instruction

The following pages contain a statement of the courses offered in all the departments of instruction in the College. The departments appear in alphabetical order. A new system of numbering is introduced, indicating the year in the curriculum for which the courses are primarily intended. Courses numbered 100-200 are for the freshman year, 200-300 for sophomores, and so on. The odd-numbered courses are given in the first semester, the even-numbered in the second. The former numbers are enclosed in parentheses. The title and general character of each course are given, followed by a statement of the prerequisite subjects. The Roman numerals indicate the period in the daily schedule at which the class meets and the hours refer to the units of credit for the course. For a tabular view showing the schedule of days and hours when each course is given, see insert at end of Catalogue.

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### ASTRONOMY

MR. BIEFELD

The courses are planned with reference to their cultural value and to their forming a sound basis for further study in the science.

111 (1a.) ELEMENTARY ASTRONOMY. Four recitations a week based upon lectures with mimeograph notes and text, with one hour a week (needing no preparation on the part of the student) on Tuesday or Thursday, 8-9 p.m., for constellation study and the demonstration of instruments. No prerequisite. VI, 4 hours.

112. (2a.) ELEMENTARY PRACTICAL ASTRONOMY. This course introduces students who have had course 111 or its equivalent, and engineering students who wish to supplement their surveying course, to the use of the instruments in solving practical astronomical problems in an elementary way. Prerequisite, 111. Fee, \$2.00, with laboratory hours to be arranged. VI, 4 hours.

211. (3.) DESCRIPTIVE ASTRONOMY. A standard text is used together with lantern slides and demonstration of the instruments of the observatory.

Prerequisite, Freshman Mathematics, General Physics, 111-112 is advised.  
I, 4 hours.

212. (4.) PRACTICAL ASTRONOMY. This is a laboratory course for the solving of astronomical problems with the precision that the modern instruments of the observatory allow. Prerequisites, Astronomy 211 and Physics 211. Fee, \$2.00. 4 hours.

214. (6.) METHOD OF LEAST SQUARES. Advised for students taking Astronomy 212. Hours to be arranged. 2 hours.

311-312 (7-8.) ADVANCED OBSERVATIONAL WORK. Measurement of double stars and position of celestial objects differentially with position micrometer. Stellar Photometry with naked eye and wedge photometer. Prerequisite, Astronomy 211. Hours to be arranged. Fee, \$1.00 per credit hour.

329. ENGINEERING ASTRONOMY. (See course 330 in Civil Engineering.) First semester. The work done in Astronomy offers a credit of 2 hours, and may be taken separately. VII, 2 hours.

411-412 (9-10.) INTRODUCTION TO CELESTIAL MECHANICS. A standard text is used taking up the fundamental principles of the subject. Application to determination of ephemerides and orbits of planets and comets. Prerequisite, Astronomy 211 (may be taken the same time as 411) and the calculus, including, preferably, an introduction to Differential Equations.

IV, 3 hours.

## BOTANY

MR. STICKNEY

111-112. (1-2.) GENERAL BOTANY. Introductory to all other courses in the department, and designed also for students in other departments who desire a general acquaintance with biological laws and theories. A general consideration of living organisms and life processes, and a study of the origin of individuals and races through reproduction and evolution. The course does not follow the lines of elementary botany of secondary schools and is designed equally for those entering with or without such course. Fee, \$3.00. Lectures and quiz Tuesday and Thursday, 11:00. Laboratory, two sections, Monday or Wednesday, 10:00-12:00. 3 hours.

113-114. (11-12.) DESCRIPTIVE AND SYSTEMATIC BOTANY. A general treatment of the higher flowering plants, emphasizing structure and function in the first semester and identification and classification in the second. Designed to meet the needs of students who wish to cover intensively the formal course in elementary botany, either as an introduction to the subject or with a view to teaching. Field trips alternate with laboratory studies during the open season of both semesters. Open to all. Fee, \$2.00

VI-VII, 3 hours.

209. (13.) APPLICATION OF BOTANY. A lecture course dealing with man's relation to plants and plant life. The plant as a food-building machine, the world's food supply, fuel, drug plants, fibre plants, poisonous plants, lumber, forest influences and conservation, and ornamental plants and landscaping are among the topics included. Designed as a general culture course. Open to all. II, 2 hours.

210. (14.) BACTERIOLOGY OF DISEASE. A lecture course dealing with germ diseases, from the standpoint of personal and public hygiene. The nature of pathogenic bacteria and their toxins, modes of infection, disease resistance and immunity, and the use of protective and preventive measures. Open to general election. II, 2 hours.

213-214. (3-4.) PLANT MORPHOLOGY. A very general survey of the plant kingdom, with a study of type forms from the lowest to the highest orders. One all-day field trip and several shorter excursions each semester. Alternates with courses 315-316. Prerequisites, Botany 111-112 or 113-114, or Zoology 111-112. Fee, \$3.00. Four credits. Not offered in 1926-27. III, 4 hours, and IV, 2 hours.

315-316. (5-6.) PLANT HISTOLOGY AND PHYSIOLOGY. The study of cells, tissues and organs of higher plants, and of the relation of these structures to life processes. Special attention is given to the technique of microscopic study during the first semester, and to experimental methods during the second. Alternates with courses 213-214. Four credits. Prerequisite, Botany 111-112 or 113-114. Fee, \$4.00. Offered in 1926-27. III, 4 hours, and IV, 2 hours.

317-318. (7-8.) BACTERIOLOGY. An elementary course, introducing the student to the nature and activities of bacteria, and to the technique and methods of bacteriological study. Elementary chemistry is advised in addition to Botany 111-112 or Zoology 111-112, the regular prerequisite for this course. Fee, \$4.50. I-II, 3 hours.

417-418. (17-18.) BOTANICAL SEMINAR. The study of special topics with reports in class upon assigned readings. Either or both semesters may be taken. Ability to use French or German is desirable. Open to juniors and seniors only. Prerequisite, Botany 111-112 and an additional year's work in the department. Hours to be arranged. Fee, \$1.00. 2 hours.

419-420. (19-20.) ADVANCED BOTANY. Special work on assigned problems leading to research in botany. This course may be taken only by competent students, and with consent of the head of the department. Two to five credits. Hours arranged individually.

## CHEMISTRY

MR. EBAUGH, MR. EVERHART, (Absent on leave 1925-1926),  
MR. SCHERER

Chemistry 111-112 is a fundamental course open to all students and is required of students who expect to specialize in engineering, medicine, nursing, home economics, and allied subjects.

111. (1.) GENERAL CHEMISTRY. (Non-metals.) Principles and theories of chemistry, the quantitative aspect of the subject and the solution of problems in chemical arithmetic. It is recommended that a student complete a course in elementary chemistry or physics as a preparation for Chemistry 111. Fee, \$3.00 per hour of laboratory credit, and breakage deposit, \$4.00. Section A; recitation or lecture Monday and Wednesday, II period, laboratory Tuesday and Thursday, I and II period. Section B; recitation or lecture Tuesday and Thursday, VII period, laboratory Wednesday and Friday, VI and VII period. 4 hours. Mr. Ebaugh

112. (2.) GENERAL CHEMISTRY. (Metals and Qualitative Analysis.) A continuation of Chemistry 111. The close connection between chemistry and industry is emphasized. Common blowpipe tests, reactions of metallic and non-metallic ions, and the analysis of mixtures of increasing difficulty. Prerequisites, Chemistry 111. Fee, \$3.00 per hour of laboratory credit, and breakage deposit, \$4.00. Four or five credits may be earned depending upon the amount of laboratory work taken. Sections and hours as in Chemistry 111. Mr. Ebaugh.

211-212. (5-6.) QUANTITATIVE ANALYSIS. Gravimetric, volumetric, and electrolyte methods of analysis are studied. Constant drills in chemical calculations and underlying theories. Prerequisites, Chemistry 112 (as outlined above.) Fee, \$3.00 per hour of laboratory credit, and breakage deposit, \$4.00 per course. Recitation, Monday IV, laboratory, Monday and Wednesday, or Tuesday and Thursday, VI and VII. 3 hours. Mr. Ebaugh.

223-224 (9-10.) ORGANIC CHEMISTRY. A study of carbon compounds is accompanied by the preparation of typical organic substances, determination of physical constants and chemical properties, and practice in the use of tests employed in special branches of chemistry. Prerequisite, Chemistry 212. Fee, \$5.00 per hour of laboratory credit, and breakage deposit, \$4.00 per course. Lecture or recitation Monday and Wednesday, I, laboratory, Thursday or Friday, I and II. 3 hours. Mr. Scherer.

311-314. (13-14.) ADVANCED QUANTITATIVE ANALYSIS. Special methods of analysis in the following groups: (a) mineral and ore analysis, (b)

water analysis, (c) gas analysis, (d) foodstuff analysis, (e) metallurgical analysis, (f) technical analysis for specific industries. Prerequisites, Chemistry 212, and for (d), Chemistry 224. Fees, credit and hours to be arranged. Mr. Ebaugh.

411-412. (15-16.) PHYSICAL AND ELECTROCHEMISTRY. Modern theories of solution, dissociation, chemical equilibrium, thermochemistry, and electrochemistry. Prerequisites, Chemistry 212, and 224, Physics 212 and the calculus. Fee, \$6.00 per hour of laboratory credit, and breakage deposit, \$4.00 per course. Monday and Wednesday, VI. 3 hours. Mr. Scherer.

413-414. (17-18.) HISTORY OF CHEMISTRY. Prerequisite, Chemistry 224. Hours to be arranged, (usually Tuesday VIII.) 1 hour. Mr. Ebaugh.

415-416. (19-20.) RESEARCH. Opportunities for research work in chemistry are offered to advanced students. Prerequisites, Chemistry 212 and 224, and Physics 212. Fees, credit, and hours to be arranged. Mr. Ebaugh.

## CHRISTIAN EDUCATION

MR. STEWART, MISS CRAWFORD

The courses of this department fall into two classes, the biblical subjects, and the practical and technical matters of Religious Education. The former seek to provide general religious culture, while the latter prepare students for efficient Christian service whether professional or otherwise.

111. (1.) OLD TESTAMENT. The historical background, the development of religious thought, the work and place of the leading characters, the setting of the various books.

IV for advanced students, VI for freshmen, 3 hours.

112. (2.) LIFE AND TEACHINGS OF JESUS. This course forms a unit with course 111. A study particularly of the synoptic Gospels for the facts of Jesus' life and the social bearings of His teaching and example.

IV for advanced students, VI for freshmen, 3 hours.

115. (21.) PRINCIPLES OF RELIGIOUS EDUCATION. The principles, problems and programs of religious education with reference to the church school and other forms of teaching and training the religious life as carried on by the local church and community. A study of the week-day school of religion and the church vacation school will be included. Observation, demonstration work. III, 3 hours.

116. (22.) THE MODERN SUNDAY SCHOOL. A practical study of the modern, graded Sunday School in its relation to the program of Christian education of the church. Observation, demonstration, practice work included. III, 3 hours.

211. (11.) OLD TESTAMENT PROPHETS. A more thorough study of the life and work of the great prophets; the social and political situation in which they found themselves, the reforms they sought to accomplish, and the permanent contribution they made to religious life and thought. Prerequisite, Christian Education 111. VII, 3 hours.

212. (12.) THE EARLY CHURCH. This course begins with the account in Acts, lays great emphasis on the life and work of Paul, and carries the study beyond the Bible record to about 150 A. D. Prerequisite, Christian Education 112. VII, 3 hours.

214. (4a.) HISTORY AND GEOGRAPHY OF BIBLE LANDS. The topography, the natural and political history and the manners and customs of the Bible lands are studied, with laboratory equipment including maps, charts, work in sand and plastic material, photographic and stereoscopic views, and lantern slides. Prerequisite, Christian Education 111 or 112. I, 3 hours.

221. (25.) METHODS OF TEACHING IN RELIGION. Adaptation of the principles and methods of modern pedagogy to the development and training of Christian character. Prerequisites, Christian Education 111, 112, 115, 116. II, 3 hours.

222. (26.) STORY-TELLING AND DRAMATIZATION. Selection of stories; principles of story telling. The educational value of the dramatized story, methods of dramatization. Prerequisites, Christian Education 111, 112, 115, 116. II, 3 hours.

302. (32.) MISSIONS. History and development of Christian missions. Geographical, racial, religious influences upon the various peoples, The problems and opportunities in the mission fields. Reading of current literature. III, 3 hours.

311. (27.) WORSHIP AND HYMNODOLOGY. The hymnbook as a history of the Christian Church; the nature and function of worship; principles of building programs for church services, church schools, young people's meetings, clubs, and camps. Prerequisites, Christian Education 111, 112, 115, 116. IV, 3 hours.

312. (28.) CHRISTIAN ART. A general cultural course dealing with the history and appreciation of Christian art, from its beginning to the present day. Types of art studied: painting, sculpture, and architecture. Open to juniors and seniors. IV, 3 hours.

317. (29.) **EXPRESSIONAL ACTIVITIES IN CHRISTIAN EDUCATION.** The relation of expression to instruction. A study of the value and use of various forms of expressional activities. Prerequisites, Christian Education 111, 112, 115, 116. I, 3 hours.

319. (31.) **THE PSYCHOLOGY OF RELIGIOUS DEVELOPMENT.** Based on the principles of general psychology, this course seeks to understand the religious and moral capacities of childhood and early adolescence, to discover the course of their development, and to examine the agencies available for the training of a wholesome religious life. It is desirable that students first take Psychology 311 or 111. Prerequisites, Christian Education, 111, 112, 115, 116. III, 3 hours.

411-412. (41-42.) **SEMINAR.** Open to advanced students in Christian Education, with consent of instructor. Individual assignments to field work and research.

## CIVIL ENGINEERING

MR. BENNETT

The Department of Civil Engineering aims to give all the basic courses which are required of engineering students for the many different branches of engineering. Students who are interested in any branch of engineering should see the head of the department before registering. A major must include courses 211, 212, 311, 312 and 322. Freshmen in engineering should enroll for Mathematics 121-132 or 131-132, in order to be properly prepared for courses 311 and 312. As a rule three hours of work per week will be required for each hour of credit, although one of these hours may represent the recitation period.

111. (1.) **MECHANICAL DRAWING.** Elementary and advanced drawing. Fee, \$1.00. Students may register for two, three, or four hours. Tuesday, and Thursday, 8-10. Wednesday and Friday, 2-4. 2 hours.

112. (2.) **MECHANICAL DRAWING.** A repetition and continuation of course 111. Second semester. Hours, fees, and credits as for course 111.

113-114. **ARCHITECTURAL DRAWING.** An elementary course in house planning for students who are not majoring in science or engineering. Hours, fees, and credits as for course 111.

211. (3.) **DESCRIPTIVE GEOMETRY.** Problems in the point, line, and plane, warped, developed surfaces, intersections and patterns. Prerequisite, Civil Engineering 111 and 112. Fee, \$1.00. III, 4 hours.

212. (4.) PLANE SURVEYING. Prerequisite, Civil Engineering III and trigonometry. Fee, \$2.00. One recitation and nine hours field or office work per week throughout the semester. VI, 4 hours.

311. (7.) TECHNICAL MECHANICS. The principles of mechanics with reference to their application to engineering. Prerequisite, Mathematics 231-232, and Physics 111. Physics 211 should precede or accompany the course. IV, 4 hours.

312. (8.) STRENGTH OF MATERIALS. Problems in bending, shear, torsion, beams, columns, slabs, hooks, etc. Prerequisite, course 311. IV, 4 hours.

322. (12.) MATERIALS OF CONSTRUCTION. A study of the manufacture, uses, and properties of the important materials of engineering. One quiz section and one motion picture lecture per week. Tuesday and Friday. Testing of cement, steel, clay products, etc., in laboratory on Wednesday and Thursday. Fee, \$2.00. May be taken for two credits by omitting laboratory work. III, 4 hours.

325. (13.) HIGHWAY ENGINEERING. Prerequisite 111, 112, and 212. Fee, \$1.00. Eight weeks of field and office work, followed by class-room and laboratory work. The design of modern roads and pavements and the testing of road building materials. II, 4 hours.

330. GEODESY AND ENGINEERING ASTRONOMY. Principally field work. Two hours to be given by the Department of Astronomy in first semester and one hour to be given by the Department of Civil Engineering. Prerequisite, course 212. Fee, \$2.00. Hours to be arranged. Combined credit, 3 hours.

331. (15.) PUBLIC WATER SUPPLY. Collection, purification and distribution. Prerequisite, Chemistry 111-112, and Civil Engineering 212. (Not offered in 1926-27.) VI, 3 hours.

332. (16.) SEWERAGE SYSTEMS AND SEWAGE DISPOSAL. Continuation of course 331. Collection and disposal of public wastes, design of sewers and disposal plants. Prerequisite, course 331. (Not offered in 1926-27.)

336. ELEMENTARY HYDRAULICS. Prerequisite, Civil Engineering 311. Laboratory fee, \$1.00. 4 hours.

337. STEAM AND GAS ENGINES. Beginning course in Thermodynamics. Prerequisites, Civil Engineering 111-112, 311. 3 hours.

411. (9.) ANALYSIS OF STRUCTURES. Determination of working stress in roof and bridge trusses, arches, dams and other structures, by analytical and graphical methods. Prerequisite, course 312. Fee, \$1.00. Periods to be arranged. 4 hours.



412. (10.) STRUCTURAL DESIGN. A continuation of course 411. The design of roof and bridge girders and trusses, arches and other structures. with drawings. Prerequisite, course 411. Fee, \$1.00. Periods to be arranged. 4 hours.

## EDUCATION

MISS TULLER, MR. HAWES

Students preparing to teach should consult the instructors in Education about the choice of courses, since 15 to 24 hours credit of professional work is required for a certificate in Ohio. A graduate of Denison University may secure a provisional certificate, effective for four years, by including in his course certain educational credits prescribed by the State Department of Education.

101. METHODS OF STUDY. A course designed to familiarize students with the most successful and approved methods of studying. One hour lecture and two hours supervised study. 1 hour. Miss Tuller.

211. (11) INTRODUCTION TO EDUCATION. This course deals with classroom management as distinguished from instruction. It is intended for those who wish to acquaint themselves with the types and methods of class organization, grouping of pupils, supervised study, standardized tests, records and reports. Open to freshmen by permission.

III, IV, 3 hours. Mr. Hawes.

212. (2a.) HISTORY OF MODERN EDUCATION. Lectures, outside readings, and class discussions. Survey of those programs and practices that were of consequence at the time and that still count in the education of today. Prerequisite, 211.

III, IV, 3 hours. Mr. Hawes.

312. (14.) PRINCIPLES OF SECONDARY EDUCATION. Study of the secondary school pupil, his physical and mental traits, individual differences, social principles, and subject values. Prerequisite, 212, with a course in Psychology.

VI, VII, 3 hours. Mr. Hawes.

411. (5.) METHODS OF TEACHING IN HIGH SCHOOL. General methods for prospective high school teachers. The course deals with the problems of the high school teaching, but does not include administrative problems. Prerequisite, 312.

VI, 3 hours. Miss Tuller.

412, 412. (7-8.) OBSERVATION AND PRACTICE TEACHING. Students will visit secondary school classes as observers and make reports. They will

also teach under supervision, after they have begun making observation. Class schedules and conferences to be arranged. Prerequisite 411.

3-7½ hours. Miss Tuller. Mr. Hawes.

414. (16.) SCHOOL ADMINISTRATION AND SUPERVISION. A study of the duties and opportunities of administrative and supervisory officers, including a survey of organization and management of educational systems. Intended as a technical course for those preparing to be superintendents, principals, or supervisors. There will be observations, surveys, and practical field work under supervision. Prerequisite 12 hours Education and Psychology. Hours to be arranged. 3 hours. Miss Tuller.

For courses in special methods of teaching see English 444, Latin 315, Mathematics 334, Music 102, 301, Physical Education 311, 312, Modern Languages 422.

## ENGLISH LITERATURE AND RHETORIC

MR. KING, MISS MACNEILL, MR. SHUMAKER, MR. DICKERMAN,  
MRS. BRUMBACK, MR. LARMORE, MR. STEVENSON

Students whose major work is in this department will elect, in addition to the regular requirements for all degrees, a minimum of twenty hours from the courses in English and Public Speaking. Among these courses should be included English 321-322 and either English 327 or 333.

The following courses are given:

111-112. (1-2) ENGLISH COMPOSITION. Recitations, themes, conferences, and the study of modern prose writers. Required for all degrees.

Sections at periods I, II, III, IV, VI, and VII, 3 hours.

NOTE—Students who are found deficient in preparation for this course will be placed in special sections where they may make up their deficiencies. No college credit is given for work in such sections.

101-102. (1b-2b.) ENGLISH COMPOSITION FOR FOREIGN STUDENTS. Practice in speaking and writing, recitations, themes, and conferences. Designed for students whose native language is not English. For those requiring credit in Freshman English, the course is counted as the equivalent of a two-hour course, and must be taken by all foreign students whose command of English is not fluent. Hours to be arranged. 5 hours.

211-212. (3-4.) ENGLISH LITERATURE. A survey of the history of English literature, with particular emphasis on poetry. Required for all degrees. Prerequisites, English 111-112.

Sections at periods II, III, IV, and VII., 3 hours.

321-322. (5-6.) SHAKESPEARE. Prerequisites, English 111-212.

I, 3 hours. Mr. King.

323. (7.) MILTON. A study of Milton's poetry and prose, with some attention to the minor poets of the period. Prerequisites, English 111-212. Alternates with course 345 and is offered 1926-27.

III, 3 hours. Miss MacNeill.

324. (8.) THE ROMANTIC MOVEMENT IN ENGLAND. A brief review of the movement in the eighteenth century, followed by a closer study of the work of Wordsworth, Coleridge, Byron, Shelley and Keats. Prerequisites, English 111-212.

IV, 3 hours.

325. (9.) THE NOVEL. Selected readings, and lectures. Prerequisites, English 111-212.

IV, 2 hours. Mr. Dickerman.

326. (10.) THE SHORT STORY. The reading and the analysis of representative modern short stories. Prerequisites, English 111-212.

IV, 2 hours. Mr. Shumaker.

327. (11.) ANGLO-SAXON. Bright's *Anglo-Saxon Reader*, with special study of the phonology of the language in its historical relations to German and English. Prerequisites, English 111-212. (Not offered in 1926-27.)

IV, 3 hours.

328. THE ELIZABETHAN DRAMA. Exclusive of Shakespeare. Prerequisites, English 111-212.

III, 2 hours. Mr. Larmore.

330. THE MODERN DRAMA. Prerequisites, English 111-212.

III, 2 hours. Mr. Larmore.

412. (15.) THE TEACHING OF ENGLISH. A course for those who expect to teach English in high schools. Designed especially for juniors and seniors.

VII, 2 hours. Mr. Shumaker.

331-332. (16.) AMERICAN LITERATURE. Prerequisites, English 111-212.

VI, 3 hours. Mr. King.

333. (17.) MIDDLE ENGLISH. Special attention to Chaucer and the development of the language. Prerequisites, English 111-212. (Offered in 1926-27.)

IV, 3 hours. Mr. Stevenson.

334. (18.) ADVANCED COMPOSITION. Expository, critical, and imaginative writing. Prerequisites, English 111-212.

II, 2 hours.

335. (19.) VICTORIAN POETS. A study of Tennyson, Matthew Arnel, Swinburne, and other poets of the period. Prerequisites, English 111-212. Alternates with course 323 and is not offered in 1926-27.

III, 3 hours. Miss MacNeill.

336. (20.) BROWNING. An intensive study of the shorter poems, together with the reading of selected longer ones. Prerequisites, English 111-212.

III, 3 hours. Miss MacNeill.

### COURSES IN JOURNALISM

213-214. (21-22.) NEWS WRITING. The course will cover the writing of news articles, the methods of obtaining news, and the journalistic principles of selection. Practice in typewriting will be given. Prerequisites, English 111-112.

VI, 3 hours. Mr. Dickerman.

311-312. (23-24.) EDITING. Primarily copy desk work, leading up to the work of assistant city editor, telegraph editor, and feature editor. Practical exercises in editorial writing and dramatic criticism. Prerequisites, English 213-214.

III, 2 hours. Mr. Dickerman.

314. (26.) SPECIAL ARTICLES. A study of preparation and marketing of special feature articles. Prerequisites, English 213. Alternates with course 316 and is not offered in 1926-27.

2 hours. Mr. Dickerman.

316. (28.) PUBLICITY AND THEORY OF ADVERTISING. Designed for students interested in the relation of publicity or advertising to the business or profession they intend to enter. Not a course in writing advertising copy. Prerequisites, English 111-212. Alternates with course 314 and is offered in 1926-27.

2 hours. Mr. Dickerman.

### GEOLOGY

MR. WRIGHT

The courses in this department are arranged according to a geologic and a geographic sequence. The geologic sequence comprises courses 111-112, 211-212, 411 and 412; the geographic sequence, courses 121-122, 311-312, 411 and 412. It is desirable to follow these sequences as closely as possible.

111. (1.) GENERAL GEOLOGY. The elements of dynamical and structural geology. The forces operating upon these such as streams, wind, ice and waves. The laboratory work includes the study of common minerals and rocks, and

geologic and topographic maps. Field work is also included. 3 lecture hours, and two hours of laboratory or field work. III, 4 hours.

112. (2.) HISTORICAL GEOLOGY. The history of the earth and the development of its organisms. The major physical events and the most characteristic features of the life of each period from earliest time to the present are presented. 3 lecture hours, and two hours of laboratory or field work. III, 4 hours.

121. (3.) PHYSICAL GEOGRAPHY. An elementary course dealing with the earth as a globe, the atmosphere, oceans and lands. This is a desirable course for those who expect to teach science. 2 lecture hours.

I, 2 hours.

122. (4.) GEOGRAPHIC INFLUENCES IN NORTH AMERICA. A study of the physical features of North America and the geographic influences in American History. 2 lectures and assigned readings. I, 2 hours.

211. (5.) MINERALOGY AND PETROLOGY. The common minerals and rocks. Their identification, classification, origin and occurrence. Prerequisites, Geology 111-112 and a year of chemistry. 1 lecture hour, and one two-hour laboratory period. VI, 2 hours.

212. (6.) ECONOMIC GEOLOGY. Non-metallic deposits including coal, petroleum, building stones, natural gas, salt, fertilizers and others. Ore deposits, iron, copper, lead, zinc, gold, silver and others; also their genesis, occurrence and distribution. Prerequisite, courses 111-112, 211. VI, 2 hours.

311. (7.) PHYSIOGRAPHY OF THE LANDS. An advanced course dealing with the evolution of landforms. Constructional landforms, such as plains and mountains, are considered in detail and their histories carefully traced. Prerequisites, courses 121-122. 2 lectures and assigned readings. II, 2 hours.

312. (8.) MAP INTERPRETATION. An advanced course in the application of the principles studied in previous courses to the interpretation of topographic maps. Typical examples of constructional and destructional landforms are studied. Prerequisites, courses 121-122, 311. II, 2 hours.

411-412. (9-10.) GEOLOGIC AND GEOGRAPHIC INVESTIGATION. Properly prepared students may, with instructor's consent, undertake problems in geology or geography. Fees, credit and hours to be arranged.

VI, 2-5 hours.

## GREEK

MR. DEAN, MISS AKERS

### FOR STUDENTS WHO DO NOT STUDY THE LANGUAGE

101. (A1.) GREEK CIVILIZATION. A topical study of the different elements which entered into the Greek civilization of its best period, together

with a study of the contribution which that civilization has made to our times. The course does not require a knowledge of the Greek language. Open to all students, first semester. III, 2 hours. Miss Akers.

102. (B1.) GREEK LITERATURE IN ENGLISH. A course designed to give an acquaintance with the field of Greek Literature and its contribution to modern thought. Lectures and assigned readings from translations of Greek authors. Open to freshmen by permission, second semester.

III, 2 hours, Miss Akers.

### FOR STUDENTS OF THE LANGUAGE

111-112. (L.) An introduction of the Greek language through the study of Homeric Greek in the Iliad. Drill on forms, grammar, and prosody. Lectures on the epic form and the background of the Iliad.

II and IV, 4 hours. Miss Akers.

211. (3.) HOMER, THE ODYSSEY. Continuation of the epic. Rapid reading from selected portions of the Odyssey. VI, 4 hours. Miss Akers.

212. (4.) HERODOTUS. Transition to Attic prose in selections from Herodotus. Emphasis upon rapid reading from sight.

VI, 4 hours. Miss Akers.

NOTE—Courses 111-112, 221-222 are prerequisite for any of the following courses.

331-332. (7-8.) NEW TESTAMENT. Rapid reading in the Synoptic Gospels and the Epistles; study of the philology and interpretation of the portions read. (Offered in 1926-27.)

III, 2 hours. Mr. Dean.

333-334. (9-10.) NEW TESTAMENT. Selections from the Gospel of John, the Acts, and Revelation; philology and interpretation. (Not offered in 1926-27.)

III, 2 hours. Mr. Dean.

411. (11.) PHILOSOPHY. Plato's *Apology* and *Crito*. Xenophon's *Memorabilia*, collateral reading in other dialogues of Plato, lectures on development of Greek philosophy. (Offered 1927-28.)

III, 3 hours. Mr. Dean.

412. (12.) GREEK TRAGEDY. Sophocles' *Oedipus the King*; structure of the Greek tragedy; lectures on the origin and development of tragedy, especially the works of Aeschylus and Sophocles. (Offered 1927-28.)

III, 3 hours. Mr. Dean.

413. (13.) ORATORY. Selections and collateral readings from the Attic orators. Study of the development of Greek Oratory. (Offered in 1926-27.)

III, 3 hours. Mr. Dean.

414. (14.) GREEK DRAMA. Euripides' *Alcestis*; Aristophanes' *Frogs*; the dramatic art of Euripides; the structure of comedy. (Offered in 1926-27.)

III, 3 hours. Mr. Dean.

## HISTORY AND POLITICAL SCIENCE

MR. GEWEHR, MR. WEST

## HISTORY

111-112. (1-2.) MODERN EUROPEAN HISTORY, 1500-1914. An introductory course intended distinctly for freshmen. The first semester's work covers the period to 1815 and the second semester's, from 1815 to 1914. Hayes' *Modern Europe*, volume I and Schapiro's *Modern and Contemporary European History*, are at present used as texts in the courses. Two hours credit per semester if taken by seniors. I, II, IV, 3 hours.

211-212. (9d-10d.) MEDIEVAL EUROPE. From the disruption of the Roman Empire to the Renaissance. The coming of the barbarian invaders, feudalism, the rise of the Christian Church and the Papacy, the crusades, the Medieval Empire, the development of culture and the rise of national states are some of the topics studied in this course. Alternate with courses 213 and 214 and offered in 1926-27. Not open to freshmen. IV, 2 hours.

213-214. (5a-6a.) HISTORY OF ENGLAND. A general course dealing with the political, social and cultural history of the nation and of especial value to students of literature and those expecting to enter law. Alternate with courses 211 and 211 and not offered in 1926-27. Not open to freshmen. IV, 2 hours.

221-222. (3-4.) HISTORY OF THE UNITED STATES SINCE THE COLONIAL PERIOD. A foundation course based upon Muzzey, *The United States of America*, volumes I-II. The course is a prerequisite for all advanced courses in American History and normally should be taken in the sophomore year. Not open to freshmen. III, 3 hours.

311-312. (7b-8b.) RECENT HISTORY OF EUROPE. The diplomatic background of the Great War, the war itself, the Versailles conference and the peace treaties, the new states of Europe, problems of reconstruction, the revival of Turkey and developments since 1918 are the principal topics studied in this course. Prerequisite History 111-112 or equivalent. Intended for juniors and seniors. Alternate with courses 315 and 316 and offered in 1926-27. I, 3 hours.

313-314. (9a-10a.) THE FAR EAST. A general survey of the development of India, China, Japan, Siberia, The Philippines, Australia, and adjacent regions, with emphasis on China and Japan. The aim is to furnish a historical background for the interpretation of world problems centering in the Far East and the Pacific and to gain some appreciation of the distinctive culture which these lands offer. Not offered in 1926-27. Prerequisites, History 111-112. IV, 2 hours.

315. (19.) **THE NEAR EAST.** This course deals primarily with the history of the Balkan States from the earliest times to the present. The coming of the Slavs, the rise and disruption of the old Turkish Empire, development of the modern Balkan nations, Near East problems since the Great War. Stress is placed upon contemporary events. Prerequisite courses 111-112. Intended for juniors and seniors. Alternates with course 311 and not offered in 1926-27. I, 3 hours.

316. (20.) **THE HISTORY OF LATIN AMERICA.** From the colonization by the Spanish and Portuguese to the present. The institutions of the old regime, the wars of independence, development and problems of the new nations and their relations to the United States, are emphasized. Intended for juniors and seniors. Alternates with courses 312 and not offered in 1926-27. I, 3 hours.

317-318. (17a-18a.) **THE ANCIENT WORLD.** From the dawn of civilization to the period of Justinian. First semester, the Orient and Greece; second semester, Roman History. Intended for juniors and seniors but open to sophomores by permission. Given by the Department of Latin.

VI, 3 hours. Mr. Dean.

321. (15a.) **THE AMERICAN COLONIES.** The colonization of North America, the development of institutions in the English colonies, the struggle with New France, the background of the American Revolution are studied. Prerequisite, courses 221-222 or equivalent. Alternates with course 413 and not offered in 1926-27. II, 3 hours.

322. (16a.) **THE WESTWARD MOVEMENT.** The dominant influence in the shaping of American national life and institutions has been the westward movement of the frontier. The history of this frontier from the Alleghenies to the Pacific is traced together with its problems and its contributions to our national life. Prerequisite courses 221-222 or equivalent. Alternates with course 321 and is not offered in 1926-27. II, 3 hours.

413-414. (13-14.) **CONSTITUTIONAL HISTORY OF THE UNITED STATES. 1763-1865.** An advanced course for juniors and seniors in which it is aimed to study the great constitutional problems and controversies in American History through the period of the Civil War. Prerequisite, courses 221-222 or equivalent. Alternate with courses 321 and 322 and not offered in 1926-27. II, 3 hours.

## POLITICAL SCIENCE

MR. WEST

211. (1.) **AMERICAN GOVERNMENT.** An introductory course devoted primarily to the study of the organization and actual workings of the gov-



ernment of the United States. This course will be required of all those who major in political science and is a prerequisite for the other courses in the department. III, IV, 3 hours.

✓ 212. (6.) EUROPEAN GOVERNMENTS. A comparative study of the governments in the principal European states, with special attention to the organization and functions of governmental agencies of Great Britain, France, Germany, Italy, Switzerland and Russia. This course is intended to follow American Government and furnish the second half of the first year's work in political science. III, IV, 3 hours.

314. (2a.) AMERICAN STATE GOVERNMENT. A study of the governments of the states of the Union. The state constitutions, the organization and functions of the executive, legislative and judicial branches are studied together with the important problems connected with state government. Not offered 1926-27. III, 3 hours.

315. (3.) MUNICIPAL GOVERNMENT. A study of the political organization and chief functions of cities, the relation of the city to the state, forms of charters, home rule, new forms of city government and the administration of finance, police and other activities. Not offered 1926-27. III, 3 hours.

317. (9.) POLITICAL PARTIES. A study of the development, composition, machinery, purposes and methods of political parties in the United States. Prerequisite, course 211. II, 2 hours.

319-320. (11-12.) INTERNATIONAL LAW. This course aims to give a comprehensive view of the general body of rules observed by states in their interstate relations both in peace and in war. A text book and important illustrative cases will be studied. Prerequisite, course 211. Not offered 1926-27. I, 3 hours.

321-322. (13-14.) HISTORY OF POLITICAL THEORY. This is a course dealing with the development of political thought from the time of Plato and Aristotle to the present time, with special attention to certain great ideas and certain important period. Prerequisite, course 211. Not offered 1926-27. II, 3 hours.

431-432. (15-16.) CONSTITUTIONAL LAW. This is a course in the study of the law of the American constitution. The origin and nature of constitutional law are considered; the relationship between federal and state governments; citizenship; impairment of contracts; due process of law; class legislation; police power; and inter-state commerce. Prerequisite, course 211. II, 3 hours.

## LATIN

MR. DEAN, MRS. CRESSEY

Students taking Latin with a view to the degree of Bachelor of Arts, or taking a Latin sequence for either of the other bachelor's degrees, will take courses 111, 112, 211 and 212 in order, and such advanced courses as may be desired thereafter.

All courses in the department are open as electives to any student who, in the judgment of the instructor, has had sufficient Latin to pursue the work with profit. Of the language courses, 111-112 must precede any of the more advanced work. Courses 215-216, on Roman Life and Classical Mythology, are open to all except freshmen.

101. (A.) Selections from the Orations of Cicero, or from Ovid's *Metamorphoses*. Intensive work in form and syntax; sight translations. Open to students who have had 2-3 years of secondary Latin.

II, 4 hours. Mrs. Cressey.

102. (B.) VIRGIL. Selections from the first six books of the *Aeneid*; supplementary work as in course 101. Prerequisite, course 101, or 3 years of secondary Latin.

II, 4 hours. Mrs. Cressey.

111. (1.) LIVY. Selections: drill in Latin syntax; practise in sight reading.

I and III, 4 hours. Mr. Cressey.

112. (2.) HORACE. Odes and Epodes. Notes on Roman Poetry.

I and III, 4 hours. Mrs. Cressey.

211. (3.) LATIN COMEDY. Plautus and Terence, three or more plays. Notes on the history of Ancient Drama. Sight reading.

IV, 4 hours. Mr. Dean.

212. (4.) PLINY AND CATULLUS. Letters and Poems with some attention to the social life of the periods in which they were written.

IV, 4 hours. Mr. Dean.

215. (11.) ROMAN LIFE. An outline of the more important phases of Roman character and achievement. The text book will be supplemented by notes and assigned reading, with photographs and illustrations for certain portions of the work. Not open to freshmen. VI, 2 hours. Mrs. Cressey.

216. (12a.) LATIN LITERATURE AND CLASSICAL MYTHOLOGY. A brief survey of the literary history of the Romans, and a study of the myths of the Greeks and Romans, with special reference to their influence in English Literature. Not open to freshmen.

VI, 2 hours. Mrs. Cressey.

311-312. (7-8.) VIRGIL. A study of the poems of Virgil and their place in the history of literature from points of view which cannot be emphasized in the preparatory school. The two semesters are not open to election separately. Especially advised for students who expect to become teachers of Latin in secondary schools. Open to juniors and seniors who have had not less than three semesters' work in this department. These courses alternate with 411-412 and are offered in 1926-27.

II, 3 hours. Mr. Dean.

315. (9a.) METHODS IN LATIN. Lectures on teaching Latin in secondary schools. Discussion and study of special points, such as the aims of the study of Latin, high school Latin courses and text-books, and the correlation of Latin with other studies. Training in reading Latin aloud.

II, 2 hours. Mr. Dean.

316. (10.) LATIN WRITING. A course in composition, open to students who have had Freshman Latin, and especially advised for those who are preparing to teach Latin.

II, 2 hours. Mr. Dean.

411. (5.) TACITUS, MINOR WORKS OR LETTERS OF CICERO AND QUINTILIAN, INSTITUTES OF ORATORY, BOOK X. Alternates with course 311, and is offered in 1925-26 and 1927-28.

II, 3 hours. Mr. Dean.

412. (6.) THE ROMAN EPIGRAM AND ELEGY. Selections from Martial and the Elegiac poets. Alternates with course 312 and is offered in 1925-26, and 1927-28.

II, 3 hours. Mr. Dean.

## LIBRARY SCIENCE

MISS DOWNEY, MISS RICHARDSON, MISS IRWIN

111. (1.) CLASSIFICATION. This course is based upon the Dewey Decimal Classification as a text.

VI, 2 hours.

112. (2.) REFERENCE WORK. The arrangement and scope of the principal books of reference are studied. Kroeger-Mudge is used as a text.

VI, 2 hours.

211. (3.) CATALOGING. The rules for cataloging are studied with actual practice in making a sample catalog.

VI, 2 hours.

212. (4.) LIBRARY METHODS. The problems of library technique are studied and practice is given.

VI, 2 hours.

311. HISTORY OF LIBRARIES AND BOOKMAKING.

VI, 2 hours.

312. TYPES OF LIBRARIES.

VI, 2 hours.

## MATHEMATICS

MR. WILEY, MISS PECKHAM, MR. RUPP, MR. FITCH, MISS TIPPET

Freshmen must register for course 111, 121, or 131. The last named is for those who present trigonometry for entrance.

A major (principal sequence) in mathematics must include at least one course numbered above 350.

101. ALGEBRA REVIEW. This course constitutes an additional requirement for those freshmen whose knowledge of elementary algebra proves to be inadequate for the regular freshman course. Taught by seniors under the supervision of the Departments of Mathematics and Education. No credit. I, II, III, IV, VI, VII. 2 hours.

## Sequence No. 1

111. (1.) PLANE TRIGONOMETRY. Students are placed in sections according to ability. I, II, III, IV, VII, 3 hours.

Miss Peckham, Mr. Rupp, Mr. Fitch, Miss Tippet.

112. (2.) COLLEGE ALGEBRA. Students are placed in sections according to ability. I, II, III, IV, VII, 3 hours.

Miss Peckham, Mr. Rupp, Mr. Fitch, Miss Tippet.

211. (3.) ANALYTIC GEOMETRY. Prerequisites, courses 111, 112. Mr. Rupp at I, Miss Peckham at II. 4 hours.

212. (4.) DIFFERENTIAL CALCULUS. Prerequisite, course 211 or 132. Mr. Rupp at I, Miss Peckham at II. 4 hours.

311. (5.) INTEGRAL CALCULUS. Prerequisite course 212. III, 4 hours. Miss Peckham.

## Sequence No. 2

Advised by the heads of the departments concerned for those who anticipate doing their major work in astronomy, mathematics, physics, or engineering. It should be elected by those who excelled in high school mathematics. This sequence begins with course 121 or 131. Trigonometry is completed simultaneously in these two courses. The students are then re-sectioned according to ability in algebra.

121-132. (1b-2b.) PLANE TRIGONOMETRY, COLLEGE ALGEBRA, ANALYTIC GEOMETRY. A combined two-semester course covering the ground of courses 111, 112, 211. IV, 5 hours. Mr. Wiley.

131-132. PLANE TRIGONOMETRY REVIEWED, SPHERICAL TRIGONOMETRY, COLLEGE ALGEBRA, ANALYTIC GEOMETRY. For students presenting trigo-

nometry for entrance. For them course 131 is required and fully meets the requirements in mathematics for the baccalaureate degree.

IV, 5 hours. Mr. Fitch.

231-232. (3b-4b.) DIFFERENTIAL AND INTEGRAL CALCULUS. (Extended course.) Prerequisite, 132 or 211.

I, 5 hours. Mr. Wiley.

### Non-sequence Courses

212. (10.) MATHEMATICAL THEORY OF INVESTMENT. An introduction to the algebra of certain forms of investment, and to the fundamental principles of life insurance. Prerequisite, 112, 121, or 131. Alternates with course 332, and is offered in 1926-27.

III, 3 hours. Miss Peckham.

324. (12.) TEACHING OF MATHEMATICS. This course is designed for those preparing to teach secondary school mathematics. Offered in alternate years and not in 1926-27.

III, 2 hours. Mr. Wiley.

323. (8.) THEORY OF EQUATIONS. This course covers the theory of the algebraic equation and other selected topics in algebra. Prerequisite, 211 or 132. Alternates with course 212 and is not offered in 1926-27.

III, 4 hours. Miss Peckham.

335. (15.) SYNTHETIC PROJECTIVE GEOMETRY. An introductory course. This alternates with courses 351 and is offered in 1926-27. Prerequisite, 211 or 132.

II, 4 hours. Mr. Wiley.

### Courses Requiring the Calculus

351. (17.) ADVANCED CALCULUS. The content of this course will vary somewhat from year to year to meet the needs of the students electing it. Alternates with course 335 and is not offered in 1926-27. Prerequisite, course 311 or 232.

II, 4 hours. Mr. Wiley.

352. (18.) DIFFERENTIAL EQUATIONS. An introductory course. Prerequisite 311, or 232. Alternates with course 452 and is offered in 1926-27.

II, 4 hours. Mr. Wiley.

451. (19.) APPLICATION OF THE CALCULUS. Emphasis upon mechanics, physics, and allied subjects. Prerequisite 311, or 232. Juniors admitted. Not offered in 1926-27.

II, 4 hours. Mr. Wiley.

452. (20.) VECTOR ANALYSIS. A concise treatment of the fundamental principles of the subject, with selected applications to geometry and mathematical physics. Prerequisite, course 311, or 232. Juniors admitted. Alternates with course 352 and is not offered in 1926-27.

II, 4 hours. Mr. Wiley.

## MILITARY SCIENCE AND TACTICS

CAPTAIN McLAIN, LIEUTENANT BRINSON

The department offers a Basic and an Advanced Course, each being of two years duration. A commission as Second Lieutenant of Infantry in the Officers' Reserve Corps with assignments to a Reserve Corps organization where desired, is tendered to each student who successfully completes the Advanced Course.

111-112-211-212. (1-4.) BASIC COURSE. A two-year progressive course, the first year of which is planned to include the essentials of the training of the infantry soldier, including infantry drill, the duties of the soldier in combat, rifle marksmanship, range practice, physical training, military courtesy, military hygiene and first aid. The work of the second year is intended to teach the duties of the infantry squad leader and all students are given an opportunity to exercise command and develop their qualities of leadership in such capacity. Additional subjects this year are command and leadership, scouting and patrolling, musketry, interior guard duty, and the use of the automatic rifle, including range practice. The course is open to all physically fit male students who are United States citizens. It should be commenced at the beginning of the freshman year by all who desire to complete the full course and receive a commission in the Officers' Reserve Corps. A student who enrolls in this course is required to complete the two years' work as a prerequisite to graduation, unless excused by the college authorities upon recommendation of the Professor of Military Science and Tactics. 2 hours credit per semester. I, II, III, or IV, 2 hours, and drill each Monday VI and VII during half of each semester.

311-312-411-412. (5-8.) ADVANCED COURSE. A two-year progressive course continuing from the work of the Basic Course. This course is particularly intended to develop leadership in order that students who successfully complete it may be qualified for commission in the Officers' Reserve Corps. Students serve as non-commissioned officers and as officers in the training of Basic students. The work of the third year consists of training in the duties of section leaders and guides in drill and combat, military sketching, military field engineering, use of the machine gun, including range practice, and military law. During the fourth year students assume the duties of platoon and company commanders and are given every opportunity to develop their powers of leadership, as well as the study of tactics, military history, administration, the use of the 37 mm gun and trench mortar, and a study of the military policy of the United States. This course is open to those who have successfully completed the Basic Course

and have shown such fitness therein as to cause their selection by the President of the University and acceptance by the War Department for further training. Students who are permitted to enroll in this course sign a contract with the government to pursue the course for two years, if they remain in college, and attend one summer camp. This contract places no obstacles in the way of the signer withdrawing from college or transferring to another college. Camp attendance is normally in the summer between the junior and senior years, but, for satisfactory reasons, may be taken after graduation. 4 hours credit each semester, 5 hours per week.

311-312. (5-6.) Mon., Tues., Wed., Thurs., Fri., III or IV.

411-412. (7-8.) Mon., Tues., Wed., Thurs., Fri., I or II.

301-302-401-402. (9-10-11-12.) BAND. This course is intended only for students who wish to play in the R.O.T.C. Band, which is also the Denison Band, and who cannot take the Advanced Course in Military Science. It is open only to Juniors and Seniors. Freshmen and Sophomores who wish to play regularly in the Band are required to take the Basic Course. 1 two-hour practice period per week, 1 credit. Monday, VI and VII.

## MODERN LANGUAGES

MR. CHAMBERLIN, MR. ODEBRECHT, MR. NUNEMAKER,  
MRS. SKINNER, MR. AMNER

Two years work in Modern Languages, in addition to whatever credits may have been earned in secondary schools, is required of all students as a condition for graduation. No credit is allowed for less than a year of an elementary course.

## GERMAN

111-112. (1-2.) ESSENTIALS OF GERMAN. A beginning course extending through the year, including the principles of German grammar, the reading of short stories and lyric poetry, and use of the foreign language in oral and written exercises. IV, 4 hours.

211. (3.) STORIES BY MODERN AUTHORS. Familiarity with the vocabulary and style of German is developed through the reading of stories by such authors as Baumbach, Riehl and Theodor Storm, with daily use of German in class. Review of the grammar, advancing to more difficult points of syntax and style. Prerequisites, courses 111-112. (1-2.) or 2 years of German in secondary school III, 4 hours.

212. (4.) CLASSICAL LITERATURE. Some of Schiller's lyrics and one or more of his dramas, usually *Wilhelm Tell*, and Goethe's *Hermann und Dorothea* are read, with attention to the poetic and dramatic principles, and with an introductory study of the classical period of German literature. Prerequisites, course 212 (1-3.) III, 4 hours.\*

213-214. (11-12.) SCIENTIFIC GERMAN. A year's course for students interested in scientific works. General articles on different branches of science are chosen for the first semester's reading, and special articles in periodicals for the second semester. Co-ordinate with courses 211-212, and same prerequisites. II, 4 hours. Mr. Biefeld.

### FRENCH

111-112. (1-2.) BEGINNERS' FRENCH. A year's work, comprising the essentials of French grammar, reading, and an introduction to the spoken and written language; daily use of French in oral and written exercises.

II, III, VI, 4 hours.

211. (3.) NARRATION. Stories and descriptive articles by modern authors, as *Lettres de mon Moulin* and *Le Petit Chose*, by Daudet, and *Les Razageurs* by Fabre, are used and form the basis of daily practice in reading, speaking and writing French; study of French grammar, with composition. Prerequisites, courses 111-112 or 2 years of French in secondary school.

II, IV, VII, 4 hours.

212. (4.) NOVEL AND DRAMA. Continuation of course 211. Modern works, as those of Bazin and Anatole France, and a comedy are read, accompanied by a deeper study of French idioms and style; exercises in writing French. Prerequisite, course 211.

II, IV, VII, 4 hours.

311. (5.) MODERN LITERATURE. Prominent works of French prose literature, chosen from the novel and history, are read, with careful attention to idiom and style; outside readings; dictations, resumes and themes in French. Prerequisites, courses 211-212. I, 3 hours. Mr. Chamberlin.

312. (6.) MODERN DRAMA. Outstanding dramas of the last hundred years, as types of the literary forms and tendencies; versification and dramatic technique; outside readings, with reports. Prerequisites, course 311.

I, 3 hours. Mr. Chamberlin.

411. (7.) THE CLASSIC DRAMA. Characteristic plays of Corneille, Racine and Molière, in their settings of French society in the XVII century; principles of classicism; outside readings and reports. Prerequisites, course 312.

III, 3 hours. Mr. Odebrecht.

412. (8.) SURVEY OF FRENCH LITERATURE. Review of periods and writers from the Middle Ages to the present, by lectures and readings; an outline of French literature, with selections for reading; reports, reviews,



and a semester theme. Prerequisites, course 311-312.

III, 3 hours. Mr. Odebrecht.

### ITALIAN

311-312. (1-2.) GOLDONI'S *LA LOCANDIERA*, OR SIMILAR WORKS. Elementary Course. Grammar, pronunciation and reading. Prerequisites, French 111-112, or Spanish 111-112. IV, 4 hours. Mr. Odebrecht.

### SPANISH

MR. NUNEMAKER, MR. AMNER

111-112. (1-2.) INTRODUCTORY COURSE. Grammar and composition, conversation, and reading. I, IV, VI, 4 hours.

211-212. (3-4.) INTERMEDIATE COURSE. Review of grammar, oral and written use of Spanish. Reading from such authors as *Valdés*, *Alarcon*, *Galdós*, *Pardo Bazan*. Prerequisite, 111-112. I, III, 4 hours.

311. (5.) THE MODERN SPANISH NOVEL. Readings from representative authors in the field of the Realistic Novel beginning with *Fernan Caballero*. Collateral readings and reports. Prerequisite, 211, 212. (Offered 1926-27). II, 3 hours.

312. NINETEENTH CENTURY DRAMA. Readings from the Romanticists to *la generacion del 98*. Prerequisite, 311. (Offered 1926-27.) II, 3 hours.

313. (6.) THE MODERN SPANISH NOVEL. Course 311 continued and brought down to the present. Prerequisite, 211-212. (Offered 1927-28.) II, 3 hours.

314. CONTEMPORARY DRAMA. From *la generacion del 98* to the present. Prerequisite, 313. (Offered 1928.) II, 3 hours.

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422. THE TEACHING OF MODERN LANGUAGES. Lectures and full discussions of the problems of Modern Language teaching. Text books and methods are studied and reviewed. VI, 3 hours.

### MUSIC

MR. ESCHMAN, MR. MEAD, MISS STOCKBERGER, MISS JONES

Courses in this department are open to all students of the University without prerequisites. For students taking a principal sequence in Music, it is recommended that courses 101-102 and 111-112 be taken in the freshman, 221-222 in the sophomore, 331-332 in the junior, and 441-442 in the senior year. Courses 201, 202, 311 and 312 may be taken in any year.

101. (1.) APPRECIATION OF MUSIC. Primarily for college students. A course in the development of musical appreciation, without prerequisites. Students paying regular college tuition may elect the course without extra charge. For others the fee is \$8.00. VII, 2 hours. Mr. Eschman.

102. METHODS OF APPRECIATION. Fee, \$8.00, except to students paying full college tuition. VII, 2 hours. Miss Stockberger.

103-104. (21-22.) Choral or ensemble training, hours to be arranged. 3 hours of choral or ensemble training are required for 1 hour of college credit. This course may be repeated in successive years, but not more than 4 hours may be applied towards any college degree. Mr. Eschman.

111-112. (3-4.) ELEMENTARY HARMONY. Fee, \$8 each semester to Conservatory students. Students paying full college tuition may elect these courses without extra charge. II, IV, 2 hours. Miss Jones.

201. (5.) HISTORY OF MUSIC TO THE EIGHTEENTH CENTURY. Fee, \$12. VI, 3 hours. Mr. Eschman.

202. (6.) HISTORY OF MUSIC, FROM THE EIGHTEENTH CENTURY TO THE PRESENT TIME. A continuation of course 201, but may be elected separately. Fee, \$12. VI, 3 hours. Mr. Eschman.

203-204. Music 103-104 is repeated in a second year with additional credit. Total of four hours possible, one in each four semesters.

211-212. (17-18.) PUBLIC SCHOOL MUSIC METHODS. Fee, \$8 each semester. I, 2 hours. Miss Stockberger.

221-222. (7-8.) ADVANCED HARMONY. Fee, \$12 each semester. IV, 3 hours. Mr. Eschman.

301. METHODS IN CHILD VOICE. Primarily for students in Public School Music Department. Fee, \$8, except to students paying full college tuition. II, 2 hours. Miss Stockberger.

302. ACOUSTICS, ORCHESTRATION AND CONDUCTING. Primarily for Conservatory students. II, 2 hours. Miss Stockberger.

303-304. (19-20.) PRACTICE TEACHING IN MUSIC. Fee, \$12. Total credit 3 hours. May be taken in either semester or divided with one and one-half hours credit each semester and \$6 fee. Miss Stockberger.

311-312. (11-12.) MUSICAL FORM. Fee, \$8 each semester. III, 2 hours. Mr. Eschman.

331-332. (9-10.) COUNTERPOINT. Fee, \$12 each semester. III, 3 hours. Mr. Mead.

441-442. (13-14.) STRICT COMPOSITION. Fee, \$8 each semester. II, 2 hours. Mr. Eschman.

451-452. (15-16.) FREE COMPOSITION. Fee, \$8 each semester. I, 2 hours. Mr. Eschman.

## PHILOSOPHY

MR. SPENCER

222. (6.) LOGIC, DEDUCTIVE AND INDUCTIVE. The subject is treated not merely as a system of mental gymnastics but as a method of practical training for philosophical, scientific and judicial investigation. Open to sophomores, juniors and seniors. VII, 3 hours.

223. (7.) ARGUMENTATION. A careful study of the subject matter and form of propositions, the definition of terms, the analysis of the contentions, the discovery of the main issues, evidence, persuasion, and refutation. Brief-making, pleading, and debating followed by judicial criticism. Open to sophomores, juniors and seniors. VII, 3 hours. Mr. Michael.

224. (8.) ARGUMENTATION APPLIED. Students taking part in the inter-collegiate debating teams may enroll in a regular class, under the instruction of the Professor in charge of the course, who is also Chairman of the Faculty Committee on Inter-collegiate Debating. When the work is satisfactorily done, scholastic credit is given. 1 to 3 hours. Mr. West.

321. (9.) EVIDENCES OF CHRISTIANITY. The view of the world from the standpoint of the Christian compared with conflicting philosophical theories; the character of Jesus Christ; the evidence of Christian experience; early and later historical testimony, and the fruits of the Christian religion. Open to sophomores, juniors and seniors. VI, 3 hours. Mr. Spencer.

322. (10.) ETHICS. A discussion of the principles that obtain in moral conduct, and of their application. Open only to juniors and seniors, with exceptions as noted under course 331. III, IV, 3 hours. Mr. Spencer.

331. (3.) INTRODUCTION TO HISTORY OF PHILOSOPHY. This will include the study of Greek Philosophy, the philosophy of the early Christian period and that of the Middle Ages. Careful attention will be given to the development of the philosophical theories and to leading the students into accurate, independent and deeper thinking. Open to juniors and seniors. Others by permission of instructor. III, 2 hours. Mr. Dean.

332. (4.) HISTORY OF MODERN PHILOSOPHY. This will include the systems of Des Cartes, Spinoza, Locke, Berkeley, Rousseau, Kant, Hegel, Comte, Darwin, Spencer and James. Open to juniors and seniors and others who have had Philosophy 331. III, 2 hours. Mr. Dean.

441. (11.) SURVEY OF PHILOSOPHICAL PROBLEMS.- The purpose of this course is to investigate and classify the outstanding philosophical theories and principles which have created great interest and have exerted an abiding influence. Prerequisites, Philosophy 331-332. 2 hours. Mr. Stewart.

442. (12.) PHILOSOPHY AND RELIGION. How are these related? Is there any necessary antagonism between them? Have the great philosophers been religious? Have the great theologians been philosophers? How does Christianity affect Philosophy? How has Philosophy affected Christianity? The foregoing are some of the questions to be taken up in this course. There will be lectures, selections, and carefully prepared discussion by members of the class. Prerequisites, six hours of Philosophy. 2 hours.

## PHYSICAL EDUCATION

### GRANVILLE COLLEGE

MR. LIVINGSTON, MR. JENKINS, MR. McMAHON

111. (1.) REQUIRED OF EVERY FRESHMAN. The work in this course is based on a thorough physical examination and strength tests given at the beginning of the entering semester for the purpose of classifying the students into groups of similar ability. Ten efficiency tests are given at the end of the semester and must be passed before a student is permitted to take course 112. The course includes general body building exercises, gymnastics and athletic games. 1 credit, 3 hours.

112. (2.) REQUIRED OF EVERY FRESHMAN. A continuation of course 111. 1 credit, 3 hours.

211. (3.) REQUIRED OF EVERY SOPHOMORE. A continuation of course 112. 1 credit, 3 hours.

212. (4.) REQUIRED OF EVERY SOPHOMORE. A continuation of course 211. 1 credit, 3 hours.

311. (5.) THE TEACHING OF PHYSICAL EDUCATION. This course is intended for those who expect to enter public school work. It includes the technique of teaching, planning and conducting class work; the organization of material and adaptation to various groups; special methods applied to the teaching of spring games, outdoor sports and gymnastics. 2 lectures and 2 laboratory periods. III, IV, 2 hours. Mr. Jenkins and Mr. McMahon.

312. (6.) THE TEACHING OF PHYSICAL EDUCATION. Continuation of course 311. Fall games, sports and indoor gymnastics.

III, IV, 2 hours. Mr. Jenkins and Mr. McMahon.

333. (7.) THEORY AND PRACTICE OF PHYSICAL EDUCATION. Prevention and care of injuries; training of athletes; massage work; study and practice in the theory, strategy and mechanics of directing track and field sports; boxing and wrestling. Prerequisites, courses 111-112. 3 lectures and 2 laboratory periods. II, 3 hours. Mr. Livingston.

334. (8.) THEORY AND PRACTICE OF PHYSICAL EDUCATION. A consideration of the more formalized types of activities and their application in elementary and secondary school and colleges. Study of motor efficiency tests. Study and practice in the theory, strategy and mechanics of directing basketball, baseball, boxing and wrestling. Prerequisites, courses 111-112 and 333. 3 lectures and 2 laboratory periods.

II, 3 hours. Mr. Livingston, Mr. Jenkins, Mr. McMahon.

335. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. The history of physical education from ancient to modern times, the different systems of physical education, and the contribution of each to our present day methods. The places of formal gymnastics, rhythmical work, play, and athletics in physical education are discussed. The principle underlying the selection of games and activities adapted to the several ages and the changing interests of children are outlined. Prerequisites 111-112.

II, 2 hours. Mr. McMahon.

336. ORGANIZATION AND PRINCIPLES OF PHYSICAL EDUCATION. Organization and best methods of administration for various types of institutions, playgrounds, etc. Prerequisites, 111-112.

II, 2 hours. Mr. Livingston.

441. (9.) THEORY AND PRACTICE OF PHYSICAL EDUCATION. Study and practice in the theory, strategy and mechanics of directing football, including judgment and psychology in handling men. Kinesiology, lectures dealing with the anatomical mechanics and movements. The purpose of this course is to acquaint the student with means of analyzing movements intelligently and prescribing programs of gymnastics and sports for development or corrective purposes. Prerequisites, courses 111-112-211-212. 3 lectures and 2 laboratory periods.

VI, 3 hours. Mr. Livingston.

442. (10.) THEORY AND PRACTICE OF PHYSICAL EDUCATION. Therapeutic gymnastics and physical examination, lectures, recitations and practice in giving exercises suitable for each condition. Text book study of personal hygiene. Prerequisites, 111-112-211-212.

VI, 3 hours. Mr. Livingston.

#### SHEPARDSON COLLEGE

MISS BARR, MISS DARROW, MISS BADENOCH

A course in physical education is required of all freshmen and sophomores, 3 hours per week, each course earning 1 credit hour per semester. A physical examination of each student is made at the beginning of the year, the results of which are filed and used in assigning students to classes according to their respective needs.

111-112. (1-2.) FRESHMEN. Required for a degree. In the fall and spring seasons, 3 hours outdoor work in organized sports: track, archery, baseball, field hockey and tennis; in the winter season, indoor work: 2 hours (a) gymnastics or (b) corrective or remedial work, if the physical examination indicates the need of special work in these lines; 1 hour chosen from the following electives: elementary and advanced swimming, folk-dancing, elementary and advanced rhythmic dancing, elementary and advanced basketball. One credit, 3 hours.

211-212. (3-4.) SOPHOMORES. Required for a degree. Advanced work on topics as in course 111-112. Prerequisite, 111-112 or its equivalent.

One credit, 3 hours.

311-312. (5-6.) ORGANIZED SPORTS AND ADVANCED GYMNASTICS. Open to juniors and seniors who have completed courses 111-112, 211-212.

No credit, 2 hours.

313-314. (7-8.) THEORY AND PRACTICE OF PLAY ACTIVITIES. A study of the fundamental theories of play, and practice in their application to the teaching of play activities, folk-dancing, and athletics. Open to seniors, juniors and sophomores. 2 hours lecture and 2 hours in practical application per week. Prerequisite, courses 111-112, and Zoology 201. 3 hours.

## PHYSICS

MR. COONS, MR. HOWE

The major sequence consists of courses 111-112, 211 and 212, with eight additional hours in Physics. Students preparing for graduate work should elect courses 431-432, 441-442 in addition to the above. The minor sequence consists of courses 111, 112, 113 and is a minimum preparation for students planning to teach physics in secondary schools.

111. (1.) GENERAL PHYSICS. Lecture demonstrations and recitations covering the more important principles of mechanics, sound and heat. Prerequisite, one year of high school physics. Trigonometry should accompany or precede this course. I, VI, 3 hours.

112. (2.) GENERAL PHYSICS. A continuation of Physics 1. Electricity, magnetism and light. Prerequisites, Physics 111 and Trigonometry.

I, VI, 3 hours.

113-114. (1a.-2a.) GENERAL PHYSICS. Laboratory courses paralleling the work of courses 111-112. Elective for students who are registered in Physics 111-112, and desire a less extensive laboratory training than is offered in Physics 211-212. Fee, \$2.00. I-II, III-IV, VI-VII, 2 hours.

211. (3.) **LABORATORY PHYSICS.** The essentials of mechanics, molecular physics and heat. Prerequisites, Physics 111-112 and Freshman Mathematics. Fee, \$3.00. III-IV, 3 hours or VI-VII, 3 hours.

212. (4.) **LABORATORY PHYSICS.** The more fundamental experiments in sound, light, magnetism and electricity. Prerequisites, Physics 111-112 and Freshman Mathematics. Fee, \$3.00. III-IV, 3 hours or VI-VII, 3 hours.

311. (5.) **ELECTRICAL MEASUREMENTS.** A laboratory course in electrical measurements. Prerequisites, Physics 111-112 and the calculus. Fee, \$3.00. VI-VII, 3 hours.

312. (6.) **LIGHT.** A laboratory course in light, consisting of measurements in diffraction and interference. Prerequisites, Physics 111-112 and the calculus. Fee, \$3.00. VI-VII, 3 hours.

333. (7.) **KINETIC THEORY.** A lecture course presenting the kinetic theory and elementary thermodynamics. Prerequisites, Physics 111-112 and the calculus. III, 3 hours.

334. (8.) **ELECTRON THEORY.** A lecture course on the electron theory presenting the current ideas regarding the structure of the atom. Prerequisites, Physics 111-212 and the calculus. III, 3 hours.

341. (11.) **HISTORY OF PHYSICS.** A lecture and library course treating the development of physics from an historical viewpoint. Prerequisites, Physics 111-212. VII, 2 hours.

344. (14.) **RADIO TELEGRAPH AND TELEPHONE.** Laboratory work and lectures treating the fundamental principles underlying modern wireless telegraph and telephone circuits. Prerequisites, Physics 111-212. Fee, \$3.00. I-II, 3 hours.

431-432. (9-10.) **ELEMENTS OF ELECTRICAL ENGINEERING.** A lecture and laboratory course presenting the general theory of direct and alternating current circuits and their application to direct and alternating current machinery. Prerequisites, Physics 111-212 and the calculus. Fee, \$3.00. III, 2 hours, with one 4-hour laboratory period, 4 hours credit.

441-442. (15-16.) **THESIS IN PHYSICS.** Elective for seniors who take their major work in Physics. Students who have shown ability to profit by such a course will be assigned a problem for individual investigation. 2 to 5 hours.

## PSYCHOLOGY

MR. LEWIS

111. (3.) **BEGINNER'S PSYCHOLOGY.** This course will be limited to the minimum essentials of the subject. It will emphasize the learning process, development and control of attention, memory training, etc. Open to freshmen and sophomores who cannot wait for course 311.

311. (1.) GENERAL PSYCHOLOGY. An introductory study of the different functions of the mind and of the laws controlling mental activity. Stress laid on sensation, perception, concept and language development, etc.

III, IV, 3 hours.

312. (8.) APPLIED PSYCHOLOGY. A study of psychology from the point of view of its practical utility. Attention will be given to the extension of the subject into the fields of business, health, and matters of daily living. Prerequisite, 111 or 311. Laboratory VI-VII, Monday or Wednesday.

III, 3 hours.

321. (5.) PSYCHOLOGY OF EDUCATION. An introduction to the fundamentals of educational theory and practice from the side of psychology and sociology. Prerequisite 111 or 311.

VII, 3 hours.

331. (10.) EXPERIMENTAL PSYCHOLOGY. A study of the more important processes by the laboratory method. Sensation, attention, memory, imagery, association, and motor reactions. Prerequisites, 111, or 311. Recitation Wed., III, laboratory Fri., III-IV.

2 hours.

332. EXPERIMENTAL PSYCHOLOGY. Observation and analysis of the different types of learning under laboratory control. Mental testing, group and individual. Prerequisites, 111 or 311, and 321 or 331.

Recitation Wed., III, laboratory Fri., III-IV. 2 hours.

## PUBLIC SPEAKING

MR. JOHNSTON

This department affords training in expression by applying principles for developing the voice, mind, and body in reading and speaking. The work is in no sense a mere coaching for occasions, but a personal, cultural training which aims at helping the student gain command of his own creative powers.

111-112. (1-2.) FUNDAMENTALS OF EXPRESSION. A general preparatory course in the art of self-expression through speech and action. The aim is to enlarge the student's native powers, give him self-control, and awaken his interest in oral interpretation.

II, IV, VII, 3 hours.

211-212. (3a-4a.) EXTEMPORE SPEAKING. Practice in thinking in the presence of others and in presenting one's thoughts in a vigorous and attractive manner. The more common forms of occasional speech will be studied, with appropriate criticism by the instructor and class members. Parliamentary drill. Prerequisite, courses 111-112.

VI, 3 hours.

311. (5a.) DRAMATIC READING. This course aims to develop the ability to express privately or from the platform some of the best thoughts



of the world's great minds. Study of the tone qualities, gestures, and attitudes employed by the reader as distinguished from the orator. Presentation of short scenes from standard plays. Prerequisite, course 111-112.

III, 3 hours.

312. (6a.) ADVANCED READING. A course intended for those who have a special talent or liking for dramatic expression. Portions of the poetry and prophecy of the Bible will be studied for public reading, also scenes from one or two Shakespearean tragedies. Prerequisite, course 311.

III, 3 hours.

## SOCIOLOGY AND ECONOMICS

### SOCIOLOGY

MR. DETWEILER

211. (1.) SOCIAL PROBLEMS. Facts about American societies showing the need of sociological study. Such problems as defectiveness, poverty, and crime are approached in the attempt to gain a social and scientific point of view. Open only to sophomores, juniors, and such seniors as may be admitted after conference with the instructor.

I, III, 3 hours.

212. (2.) SOCIAL INSTITUTIONS AND THEIR ORIGINS. The origin and meaning of civilization. The history of the family is treated in detail, ending with a view of present-day family problems. Prerequisite, course 211.

I, III, 3 hours.

301. (7.) HISTORY OF SOCIAL REFORM. Social reform is taken broadly to include efforts for social betterment, theories of social progress, utopias, organized philanthropy, and popular revolutionary movements. Prerequisites, History 111-112, English 111, 112, 211, 212.

II, 2 hours.

✓ 302. (8.) MODERN RADICALISM. Socialism, anarchism, bolshevism, other radical philosophies, and criticisms of present-day society. Prerequisites, History 111-112, English 111, 112, 221, 222.

II, 2 hours.

✓ 311. (3.) SOCIAL PSYCHOLOGY. The elements of general psychology are presupposed and a study is made of the processes of group behavior. Prerequisites, Psychology 111 or 311, and Sociology 211-212.

IV, 3 hours.

✓ 312. (4.) IMMIGRATION AND THE NEGRO. A detailed study of race problems in America, based on old-world heritages, the findings of anthropology, and present problems. Prerequisites, Sociology 211-212.

IV, 3 hours.

411. (5.) SOCIAL WORK. A course preliminary to later vocational training looking toward the relief of poverty and especially to family case work in its modern phases. Prerequisites, Sociology 211-212, 311-312 and Economics 211-212.

II, 3 hours.

## ECONOMICS

MR. JOME

211-212. (1-2) ELEMENTARY ECONOMICS. The wealth-getting and wealth-using activities of mankind, the organization of production, mechanism for exchange, consumption, valuation, and distribution. Special emphasis is placed on the theory underlying modern economic problems. Not open to freshmen. VI, VII, 3 hours.

311. SOCIAL AND BUSINESS STATISTICS. Tabular and graphic presentation, averages, ratios and coefficients, dispersion, correlation, index numbers. Analysis of business cycles and forecasting methods. The collection of statistical data. A laboratory course. Prerequisites, Economics 211-212 or Sociology 211-212. Not offered 1926-27; alternates with 327. II, 3 hours.

312. LAND ECONOMICS. An analysis of land as a factor of production. The classification and utilization of land, land credit, policies of land settlement and development. Attention is also given to policies of land taxation. Prerequisite, course 211. Offered 1926-27 and in alternate years. II, 3 hours.

323. (5) BUSINESS ORGANIZATION. Analysis of the problems confronting the business man in his choice of a type of business organization, the organization and operation of corporations. Industrial combination; the attitude of the government toward industry, especially as manifested in state incorporation laws and federal anti-trust laws. Prerequisites, courses 211-212 or concurrent registration in course 211. Not offered 1926-27; alternates with 325. I, 5 hours.

324. (3) FINANCIAL PROCESSES. A study of the methods used by a business unit in getting its money. Making use of a bank. Corporate securities, promotion, administration of income, reserves, surplus, and dividends; expansion and its problems; failure and reorganization. Prerequisites, course 211. Not offered 1926-27; alternates with 326. I, 5 hours.

325. (9) BUSINESS LAW. A survey of the field. The law of contracts, sales, commercial paper, agency, partnerships, corporations. A case course aided by supplementary text book reading. Prerequisites, courses 211-212 or concurrent registration in course 211. Offered 1926-27; alternates with 323. I, 5 hours.

326. (10) PRINCIPLES OF ACCOUNTING. Sufficient book-keeping will be introduced to aid the student in his study of the theory. Prerequisites, courses 211-212 or concurrent registration in course 212. Offered 1926-27; alternates with 324. I, 5 hours.

327. (8.) ELEMENTS OF PUBLIC FINANCE. Consideration is given to both federal and state tax problems. Prerequisites, courses 211-212. Offered 1926-27; alternates with 311. II, 3 hours.

412. (4.) LABOR PROBLEMS. The legal, economic, and social problems involved in industrial relations, attempted solutions such as trade unionism, shop committees, socialism, legislation. Prerequisites, courses 211-212. II, 3 hours.

## ZOOLOGY

MR. LINDSEY, MR. BROWN

Course 111-112 of the department of Botany may be substituted for Zoology 111-112 as preparation for advanced courses, if necessary for the completion of major or pre-professional requirements. Course 111-112 meets the entrance requirements of medical colleges as a minimum; 221-222 is recommended by all medical colleges in addition, and 224 is recommended by all and required by a few. Credit may not be received for both 203 and 226.

111-112. (1-2.) GENERAL ZOOLOGY. An introductory course including text assignments, lectures and laboratory work. The biological aspects of the science are considered, including the properties of living matter, the cell, heredity and topics of like nature. In addition a general survey of the animal kingdom based on classification and morphology is pursued in class and in the laboratory. Fee, \$1.25 per hour of credit. Lectures Mon., Wed. I. Laboratory any two of the assigned two-hour periods. Tues., Thurs., I-II; Fri., I-IV; Mon., Wed., VI-VII.

4 hours. Mr. Lindsey, Mr. Brown.

201-202. (5.) PHYSIOLOGY AND HYGIENE. A study of the normal functions of the human body, common causes of impairment, and the proper conduct of the physical life of the individual. Text, lectures and demonstrations. No prerequisites. IV, 3 hours. Mr. Brown.

203. (13.) THE THEORY OF EVOLUTION. Planned for the instruction of those who have had no previous study of the scientific principles on which the theory is based. (Not offered 1926-27.)

204. (14.) PRACTICAL ZOOLOGY. A survey of the animal kingdom in its relation to man. Text and lectures. (Not offered 1926-27.)

211-212. (3-4.) VERTEBRATE ZOOLOGY AND COMPARATIVE ANATOMY. A study of the definite structures, ancestry, ecology, and briefly of the

classification of the vertebrates. A little more than one semester is devoted to the comparative anatomy of these animals. Text assignments and lectures. Laboratory work consists of detailed dissections and comparative studies of the dog-fish, an amphibian, a reptile and a mammal, with other subjects at the discretion of the instructor. Fee, \$1.25 per hour of credit. Prerequisites, Zoology 111-112. Lectures Tues., Thurs., VI; Lab. Mon., Wed., VI-VII. 4 hours. Mr. Brown.

223. (11-12.) HISTOLOGY. A study of the minute structure of vertebrates, chiefly mammals. Text and lectures. Laboratory will include the preparation and study of the tissues and organs considered in class. Prerequisite, Zoology 111-112. Fee, \$1.25 per hour of credit. Two classes per week and three laboratory periods of two hours each, or three classes and two laboratories, at the discretion of the instructor.

Mon., Wed., II; Tues., Thurs., Fri., I-II. 5 hours. Mr. Lindsey.

224. (9-10.) EMBRYOLOGY. A study of the formation of the germ cells, cleavage, the germ layers, and the development of adult structures in the vertebrates. Laboratory work includes the study of cell behaviour and of the developing frog, chick and pig. This course should follow 223 but may be taken separately if needed for medical entrance. Prerequisite Zoology 111-12. Periods as in 223. Fee, \$1.25 per hour of credit.

5 hours. Mr. Lindsey.

225. (7a.) BIOLOGICAL THEORY. A study of genetics and eugenics. Text or lectures and assigned readings. Prerequisite, Zoology 111-112.

III, 2 hours. Mr. Lindsey.

226. (6a.) BIOLOGICAL THEORY. Readings and discussions on the theory of evolution, including evidence from the different branches of science and the salient theories of method. Prerequisite, Zoology 111-112, or may be carried with 112 by special permission. III, 2 hours. Mr. Lindsey.

227-228. (17-18.) ENTOMOLOGY. The morphology, classification and economic importance of insects, with methods of control. A brief introductory course. Laboratory work includes a survey of insect morphology and enough work in the identification of insects to enable the students to recognize the common families. Prerequisite, Zoology 111-112. Lectures Tues., Thurs., IV; laboratory Mon., III-IV. Fee, \$1.25 per hour of credit. (Omitted 1926-27.) 3 hours.

# The Conservatory of Music

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## FACULTY

KARL H. ESCHMAN, A.M.

*Fellow of the American Guild of Organists  
Director and Professor of Music*

Graduate of Denison Conservatory in Piano and Organ;  
Graduate Student, Harvard University, 1911-12, under Walter  
R. Spalding and Edward Burlingame Hill; 1912-13, under Hugo  
Kaun and Piano under Victor Heinze, Berlin.

FANNIE JUDSON FARRAR

*Head of Piano Department*

Pupil in Piano of J. Emil Ecker, Toledo, Ohio; Constantin  
Sternberg, Philadelphia; Bertrand Roth, Dresden; Tobias Matthay  
and Claude F. Pollard, London. Student in Vienna and in  
Musical Kindergarten of Mrs. Fannie Church Parsons, Chicago,  
Master-class with E. Robert Schmitz.

MARY RECKARD FITCH

*Voice*

Pupil of D. A. Clippinger, Hannah Butler and Lemuel Kilby,  
Chicago; Head of Voice Department, Academy of Our Lady;  
Instructor in Lyceum Arts Conservatory, Chicago. Master-classes  
with Mme. Valeri and Herbert Witherspoon.

R. EDGAR VEITH

*Voice*

Pupil of John Hoffman, Frederick Root and Campanari.

WILLIAM M. WELLS

*Violoncello*

Graduate of the Royal Conservatory, Wurzburg. Member  
of the Cincinnati Symphony and the Philharmonic Orchestra; for

seven years, under Walter Damrosch in the New York Symphony Orchestra.

A. J. WYATT, SGT. U. S. ARMY

*Director of University Band and Instructor in Brass Instruments*

Director of Band, Fort Hayes, Columbus.

EDWARD G. MEAD, A.B., F.A.G.O.

*University Organist  
Organ and Counterpoint*

Graduate of Harvard University 1915. Fellow of the American Guild of Organists; teacher of Theory at Ward-Belmont College; Director of the Conservatory at Heidelberg and Lake Erie College.

LUCILE STOCKBERGER, B.S.M.

*Head of Public School Music Department*

Bachelor of Public School Music from Oberlin College; student at Denison Conservatory, 1916-17; Supervisor of Music in the Granville Public Schools.

SAM GELFER

*Violin*

Pupil of Henry Schradieck, Theodore Spiering and Alois Trnka, in Violin and of Frederick B. Stevens and R. H. Miles in Theory.

LOIS MAY JONES, Ph.B.

*Piano and Theory*

Graduate of Denison Conservatory 1922; Director of Music at Keuka College 1922-25; graduate student at the Eastman School of Music, Rochester.

## STANLEY TURNER

*Wood-wind Instruments*

Solo Clarinet, Fort Hayes Band; pupil of A. C. Pentland and Richard Rehl of the Minneapolis Symphony.

## GENERAL INFORMATION

## ENTRANCE REQUIREMENTS

There are no formal entrance requirements beyond the evidence of ability to profit by the instruction offered. The work of the year is divided into two semesters (see the University Calendar on page 5), and students may best enter the Conservatory at the beginning of a semester, although private lessons may be taken up at any time. No registrations are accepted, however, for less than the remainder of the semester.

## COLLEGE CREDIT

Denison University grants college credit for work in the theoretical courses of the Conservatory, on an equal footing with other elective studies, and a course leading to the degree of Bachelor of Philosophy may be taken with the Theory of Music as its major subject. Thus students working for the diploma of the Conservatory may at the same time apply the theoretical part of their course toward a bachelor's degree from the University.

## REQUIREMENTS FOR GRADUATION

## A—MUSICAL STUDIES

Requirements for Conservatory Graduation are outlined on the basis of 128 semester hours, on pages 9-10 of the Conservatory Bulletin which can be secured from the Director. Courses 101, 111, 112, 201, 202, 221, 222, 311, 312, 331, 332, 441, and 442 in the Department of Theory are required of all graduates.

## B—LITERARY STUDIES

In addition to the musical studies required, candidates for graduation must satisfy the full requirements for entrance to the freshman class of Denison University, and complete two years

of English, courses 111, 112, 211, 212, six hours in the Department of Philosophy and Education, and eight hours college elective, preferably in Language.

#### DIPLOMAS AND CERTIFICATES

The Conservatory diploma is granted on recommendation of the Conservatory Faculty to students who have completed the prescribed course of study in any of its departments, together with the general requirements described above. Each candidate for the diploma must give a public recital during the senior year. To students substituting a certain amount of work in Normal Training or public school music for the graduating recital and giving promise of aptitude for teaching, a certificate is granted instead of the diploma. Students completing satisfactorily any integral part of the work offered in the various departments of the Conservatory, involving not less than a year's study, may obtain an officially signed statement to that effect, together with a copy of the Registrar's record.

#### PUBLIC SCHOOL MUSIC

A three year course in this department is outlined in full in the Conservatory bulletin (p. 11-12). A fourth year may be added in the future, although the requirement in Ohio and many other states is for a two year course. Thorough and adequate preparation is supplemented by practice teaching in the public schools. Graduates receive the State Certificate without further examination.

#### MUSIC LIBRARY

The music branch of the University Library, consisting of over one thousand volumes of literature and music, is housed at the Conservatory, and is available on the same terms as the main library. There is also a collection of primitive musical instruments of great interest, most of which have been presented by Denison alumni.

#### PRACTICE PIANOS

The Conservatory is equipped with practice pianos of the highest grade. Hours and rooms for practice should be engaged



at the time of registering, and no other use of instruments or rooms is allowed without special permission.

#### RECITALS AND CONCERTS

Semi-private student recitals take place frequently throughout the year, and students are expected to attend. A public recital is given by the more advanced students near the end of each semester. All students are under obligations to perform at recitals when so directed by their instructor. Students are not allowed to perform in public without the knowledge and consent of the instructor.

Besides the festivals of the Choral Society and various other concerts, a number of faculty recitals are given during the year, and several artist recitals, most of which are free to Conservatory students. Each year an historical series of recitals is given, presenting informally the music of individual composers or periods.

#### MUSICAL ORGANIZATIONS

(a) *The Engwerson Choral Society*. Mr. Eschman, Director. Membership is open to all who can read music sufficiently well. Two principal concerts are given each year, with notable artists assisting. According to the present custom, Handel's "Messiah" is sung each year at Christmas, while Gounod's "Faust," Rossini's "Stabat Mater," Mendelssohn's "Hymn of Praise," "Elijah" and "St. Paul," Brahms' "Song of Fate," Bruch's "Fair Ellen," Ware's "Sir Oluf," Debussy's "Blessed Damsel," Haydn's "Creation," Coleridge-Taylor's "Hiawatha," Verdi's "Aida," and Franck's Beatitudes are other works recently given. Rehearsals are held on Monday evenings throughout the college year.

(b) *The Denison Orchestra*. Mr. Eschman, Director. Membership is not limited to students in the University, but offers to anyone of sufficient ability the opportunity of playing classical and modern compositions under suitable direction. The Orchestra assists the Choral Society in presenting some of its oratorios, besides giving at least one concert independently in the spring. Regular rehearsals are held on Thursday evenings throughout the college year. Membership is free to those admitted.

(c) *The Denison Glee Club.* This is an organization of twenty young men chosen by annual competitive examination from the men of the University community. About twenty concerts are given each year, engagements being filled in Ohio, Pennsylvania, New York, Michigan, Indiana and Illinois. The programs consist of classical numbers, popular glees, and college songs.

(d) *The Shepardson Glee Club.* This club consists of twenty four girls, and with the exception of the officers is reorganized each fall by competitive examination. An annual concert is given in May. The club comprises the best voices of Shepardson College and Denison Conservatory.

#### SCHOLARSHIP

An annual scholarship, the gift of Mrs. E. S. Shepardson, is at the disposal of the Conservatory Faculty.

In addition, \$250.00 a year is received by the Conservatory from a friend of the department for the purpose of assisting worthy students.

#### CONSERVATORY BULLETIN

An annual Bulletin is published containing additional information regarding the Conservatory. A copy may be obtained by addressing Denison University, Conservatory of Music, Granville, Ohio.

### EXPENSES IN CONSERVATORY

#### TUITION PER SEMESTER

In Pianoforte, Voice, Organ, Violin, or Violoncello	
Two private lessons per week.....	\$50.00
One private lesson per week.....	27.50
In Advanced Harmony, Counterpoint, or History of Music	
Class lessons, three hours per week.....	12.00
In Form, Canon and Fugue, Composition, or Public School Music.	
Class lessons, two hours per week.....	8.00
In Elementary Harmony, Terminology, Appreciation, Acoustics, Orchestration and Conducting, Class Les-	

etc., two hours per week.....	8.00
Students paying regular college tuition may elect the last five courses without extra charge.	
In Solfeggio, I, II, III and IV.	
Class lessons, two hours per week.....	8.00
In Solfeggio V. and VI. or Normal Training	
Class lessons, one hour per week.....	4.00
Rent of piano for practice, per semester hour (i.e. one hour a week for a semester).....	1.00
Rent of pipe organ for practice per hour.....	.15

Students taking Conservatory work totaling \$50.00 may elect college work, in addition, at the rate of \$5 per semester hour.

Rebate. Students dropping music before the middle of the semester must make arrangement for the rebate with the Director of the Conservatory.

## DEPARTMENTS OF INSTRUCTION

### THEORY AND HISTORY

MR. ESCHMAN, MR. MEAD, MISS STOCKBERGER, MISS JONES

College credit may be obtained for any of the numbered courses. Those who intend to complete the theoretical course are advised to take courses 111-112, 221-222, 331-332, and 441-442, in consecutive years.

101. (1.) The Appreciation of Music. A non-technical course, open to all students of the University. The object is to point out the structural principles of musical art and to show what constitutes real merit in any field of musical activity. The work embraces lectures and analysis, collateral reading and critical reports of current recitals. VII, 2 hours. Mr. Eschman.

102. Methods of Appreciation. A study of the pedagogy of aesthetics with application to all grades of musical appreciation. Required in the Public School Music Course, but open to general election. VII, 2 hours. Miss Stockberger.

103-104. (21-22) Choral and Ensemble Training. Three hours are required for one hour college credit. The course can be repeated (see 203-204) in successive years but not more than four hours may be applied toward any degree. One hour a week is required in either the chorus or orchestra. The remaining two hours may be elected in chorus, orchestra, chapel choir, or church choirs.  
Mr. Eschman.

111-112. (3-4.) Elementary Harmony. This course or its equivalent is prerequisite to all higher courses. It embraces a summary of music, a detailed study of the modern system of musical notation, the analysis of rhythm, practice on scale writing, transposition and the use of all the clefs. The work concludes with a study of elementary harmony including triad connection. This course is required of all freshmen planning to graduate from the conservatory.  
II and IV, 2 hours. Miss Jones.

201 (5.) History of Music to the Eighteenth Century. The work consists largely of assigned reading, with written reports, tests and theses. A collection of primitive instruments serves to illustrate the early stages of music, and typical music of the successive periods is rendered in class so far as possible.

VI, 3 hours. Mr. Eschman.

202. (6.) History of Music from the Eighteenth Century to the present time. Continuation of Course 201.

VI, 3 hours. Mr. Eschman.

203-204. A repetition of courses 103-104 for additional credit. A total of four hours is possible, one in each of four semesters.

211-212. (17-18.) Public School Music Methods. This course covers in detail the work of the various grades and all methods now in use in the schools. Related problems in the psychology of teaching are discussed. I, 2 hours. Miss Stockberger.

221-222. (7-8.) Advanced Harmony. Review of intervals and triads; dominant and secondary chords; suspensions; augmented and altered chords; modulations; organ-point; the harmonization of given melodies in bass or soprano, mostly in four

parts, and the composition of simple original pieces. Solfeggio and elementary theory are prerequisite, with knowledge of the pianoforte sufficient at least to play an ordinary hymn-tune at sight.

IV, 3 hours. Mr. Eschman.

301. Methods in Child Voice. This course is required by the State Department of Education for all Public School Music Certificates.

II, 2 hours. Miss Stockberger.

302. Acoustics, Orchestration and Conducting. The fundamental laws of governing the production and character of tone; a study of musical instruments and the elements of conducting.

II, 2 hours. Miss Stockberger.

303-304. (19-20.) Practice Teaching in Music. (Same as Education, 7-8.) Total 3 hours credit, for the year. May be taken in either semester or divided in both credit and fee. Total fee, \$12.00.

Miss Stockberger.

311-312. (11-12.) Musical Form. Study of thematic construction and elements of composition, through analyses of the principal instrumental forms, as illustrated in the works of classic and modern composers. Practice is given in construction of the smaller musical forms, such as hymn-tunes, and the dance forms of the classical suite. Courses 221-222 must ordinarily precede this work, but by special permission may be taken in the same year.

III, 2 hours. Mr. Eschman.

331-332. (9-10.) Counterpoint. The principles of harmony applied to the melodious treatment of two or more voice parts in combination. Free harmonization of choral melodies, two, three, and four part counterpoint in the several orders; contrapuntal and imitative treatment of subjects in different voices for organ and strings. Courses 221-222 are prerequisite and some proficiency in piano playing is required.

III, 3 hours. Mr. Mead.

441-442. (13-14.) Strict Composition. Analysis and composition of canon and fugue and the advanced forms of polyphonic music. This is a necessary preparation for the larger and freer forms of composition. Courses 221-222, 331-332 are prerequisite,

with some proficiency in pianoforte or organ playing.

VI, 2 hours. Mr. Eschman.

451-452. (15-16.) Free Composition. First semester, original vocal settings of selected texts; analysis of standard choral works and songs; composition of short pieces for men's or women's voices and for mixed chorus unaccompanied. Later, types of accompaniment figures are studied and settings made with with piano or other accompaniment. Second semester, analysis and composition of vocal and instrumental music in the large forms, with writing for orchestral instruments. Prerequisite, courses 441-442.

I, 2 hours. Mr. Eschman.

#### PIANO

MISS FARRAR, MISS JONES

No set course is specified, but the work is adapted to the individual pupil, and the teaching preserves the cultural point of view as much as the professional. Foundations are thoroughly laid in a study of the instrument itself and of the natural laws of tone production. Technical facility and velocity looking toward an adequate technique are considered merely the basis of artistic interpretation. The principles of expression are taught by means of the music of both classic and romantic composers.

#### VOICE

MR. VEITH

MRS. FITCH

The object of this instruction is the correct placing of the voice, so that the tones are even and firm throughout the entire range. Stress is laid on the control of the breath, rhythm, and phrasing, together with enunciation and stage presence. Use is made of the classic song literature of all schools, especially the German, and of our own American song writers.

## ORGAN

MR. MEAD

A certain facility at the piano and in sight-reading is necessary and this must be proved to the satisfaction of the instructor, who may prescribe such additional work as may seem advisable in preparation. A good organ touch, comprising legato and staccato playing, steadiness and smoothness of style, are the objective aims.

Rink's Organ School, Buck's Studies in Phrasing and Bach's Little Preludes and Fugues compose the ground work of study. This is followed by sonatas by Mendelssohn, Merkle, Guilman, selections by Widor, Dubois, Boellman, Lemare, Best, Hollins, Buck and Parker. Special attention is given to hymn playing, accompanying and registration to meet the practical needs of church work.

## VIOLIN AND VIOLONCELLO

MR. GELFER, MR. WELLS

Good tone production and clear intonation receive a large share of attention, followed by studies and special exercises to meet the needs of the individual. As the student becomes more proficient, pieces, sonatas, and concertos by classic and modern masters will be studied. It is the purpose to work not only for technical proficiency, but also for the higher and broader plane of artistic conception and interpretation. At least two semesters of piano study are required of candidates for graduation. Students are encouraged in ensemble playing, and those sufficiently advanced are admitted to the University Orchestra. The experience thus gained is not the least valuable part of the training, and is required of candidates for graduation.

## ENSEMBLE CLASSES

- (a) Solfeggio I-II. Two hours per week, First Year.

VI. Period.

- Solfeggio III-IV. Two hours per week, Second Year.

VII. Period.

Solfeggio V-VI. One hour per week, Third Year.

9:00 Friday.

This work, or a satisfactory equivalent is required of all candidates for graduation in any department of the Conservatory.

The course is provided to meet the needs of all who are in any degree deficient in the fundamental principles of music, such as rhythm, intervals, and scales, or who are unable to read vocal or instrumental music readily at sight. It includes both ear-training and sight-singing.

(b) Normal Class—Miss Farrar.. This course is offered at the request of piano students, and is designed as preparation for the teaching of piano. One semester of Theory or Solfeggio is required for entrance.

(c) Piano Classes—Miss Jones. Ensemble classes are maintained in piano, both duet and quartette work being done. The classes are free to all registered in the Conservatory, and this work is required of all pupils sufficiently advanced.

(d) String Classes—Mr. Gelfer and Mr. Eschman. As far as material offers practice is held in trio and quartette work, with performances in public on suitable occasions. Advanced pupils are coached in ensemble with piano.



## THE SOCIETY OF THE ALUMNI

*Honorary President*

SAMUEL B. BRIERLY, '75

106 North LaSalle St., Chicago, Ill.

*President*

V. ERNEST FIELD, '03

3247 Park Ave., Indianapolis, Ind.

*Executive Secretary*

JOHN L. BJELKE, '16

Granville, Ohio

## THE ALUMNI COUNCIL

*Officers*

W. H. JOHNSON, '85, Chairman

KARL ESCHMAN, '11, Secretary

W. H. JOHNSON, '85, Treasurer

*Members*

Terms Expire June, 1926

MRS. C. F. BURKE, '05, New York City

KIRTLEY F. MATHER, '09, Cambridge, Mass.

MRS. R. H. WILLIAMS, '15, Granville

Terms Expire June, 1927

SAMUEL B. BRIERLY, '75, Chicago, Ill.

W. H. JOHNSON, '85, Columbus

FRANK B. AMOS, '03, Detroit, Mich.

Terms Expire June, 1928

MRS. A. M. COLBY, '07, Mansfield

MARK WINCHESTER, '02, Toledo

KARL ESCHMAN, '11, Granville

Graduates of the University are members of the Society of the Alumni. Former students of the Granville institutions who are not graduates, recipients of honorary degrees, members of the Board of Trustees, and members of the Faculty who have been such for at least three years, are received into membership

upon payment of the annual dues of \$3.00. This Society was founded June 28, 1859, William P. Kerr, '45, being the first President. The purpose of the Society is to bind the alumni together in friendship with one another and in loyalty to *Alma Mater*. Over 3000 members are enrolled. Annual meetings are held in commencement week. The Council was organized in 1921, and holds quarterly meetings. The Society maintains the Denison Alumni Bulletin, published monthly at Granville, Ohio, during the college year under the editorship of the Executive Secretary.

The headquarters of the Society are in the Ohio Baptist Convention Building in Granville where the Executive Secretary has a well equipped office and editorial rooms.

Denison clubs have been organized in many of the chief cities of the United States and in foreign lands, as auxiliaries of the Society. These clubs have been established in the following localities—New York City, Washington, Rochester, Buffalo, Cleveland, Toledo, Detroit, Dayton, Springfield, Cincinnati, Columbus, Indianapolis, Chicago, Minnesota, Missouri Valley, Colorado, San Francisco, Southern California, Japan and West China.

### DOANE ACADEMY

Since its foundation, Denison has had a preparatory department. In 1895 it was given a separate organization and named in honor of the late Dr. William Howard Doane, who gave the Academy Building. The Academy prepares not only for Denison but also for any American college or university.

While students of the Academy enjoy all the general advantages of connection with the larger institution, the school has its own endowment, its separate faculty, its own literary societies, athletics, school spirit, and social life.

The Academy is of peculiar advantage to those college students that are deficient in their entrance credits. Sometimes at a saving of considerable time in the combined college and preparatory courses, these deficiencies are made up in connection with the regular college work.

The Academy is a specially congenial place for those young men and women whose education is for any reason belated. They find here an atmosphere and social situation free from the embarrassment that might be experienced in the home schools. The Academy also meets admirably the requirements of those parents who desire better advantages than the local schools afford.

A copy of the catalogue and full information will be gladly sent upon application. Address H. R. HUNDLEY, Granville, Ohio.

## Degrees Conferred in 1925

### HONORARY DEGREES

Henry Turner Bailey, Doctor of Humane Letters  
Justin Wroe Nixon, Doctor of Divinity  
William Shattuck Abernethy, Doctor of Divinity  
Adoniram Judson Tuttle, Doctor of Divinity

### MASTER OF SCIENCE

Richard Harris Howe  
Clyde Edgar Keeler

### BACHELOR OF ARTS

Myrl Marcus Hanenkranz	*Louise Kramer
*John Edward Hutchins	Carola Josephine Morin
Vasile William Jones	Edna Mabel Owens
James Lincoln Knapp	*Gladys Lucille Smith
Howard Enid Koell	*Julia Louise Smith
Franklin T. McCann	*Thelma Marguerite Toby
Russell Robert Rine	*Lucille Burdette Tuttle
*Margaret Aldrich Chamberlain	Mary Dodge White
*Coral Lois Davis	*Marian Estella Wilkinson

### BACHELOR OF PHILOSOPHY

Jose V. Aguilar	Norman Judson Padelford
Henry Davies Amos	George Landis Pirsch
Charles Frederick Babbs	John Richard Duncan Ransom
Vernon Judson Barker	Thomas Arthur Rogers
Teodor Moisa Branc	Harry Ray Shoemaker
Wentworth Winfield Crouch	Marta Snyder
James Crawford DeLong	Ernest John Stockum
John Campbell Edgar	Russell Sutton
Charles Arthur Freehafer	Trafford Wood Tallmadge
*Ralph Edward Gabele	*Mary Louella Anderson
Norton Helm Gilbert	*Dorothy Leola Baker
Albert Russell Griffith	*Harriet Cory Belt
John Stanley Holcomb	*Mary Louise Biefeld
George Benjamin King	*Margaret Rachel Brooks
Albert Louis Linder	Margaret Jean Brown
John Clough Martin	Harriet Broughton
Lloyd Styers Michael	*Hester Burr
William Christian Moore	Julia Elizabeth Calhoun

\*Four years Provisional High School Certificates awarded.

\*Lucille Close  
 \*Dorothy Nelle Dewey  
 \*Vera Lucille Dodge  
 \*Elizabeth Folger  
 Helen Miriam Gibbs  
 \*Violet Grace Goodlive  
 \*Alice Margaret Griffin  
 \*Thelma Elizabeth Hawk  
 \*Florence Mae Jamieson  
 \*Marian Leola Jordan  
 \*Florence Mary Kile  
 Ruth Chandler Kimball  
 \*Ruth Frances Krebs  
 Frances Gardner Lovett  
 Kathryn Hannah Lose

Evelena McCutcheon  
 Hazle Gwendolyn McGilliard  
 \*Katherine Brice McMillen  
 Ann Elizabeth Prescott  
 Helen Proctor  
 \*Esther Elizabeth Rickert  
 June Adele Robion  
 \*Ruth Anna Rogers  
 Carrie Marian Rowe  
 \*Dorothy Marsh Smith  
 Florence Ann Smith  
 Ruth Sunderland  
 \*Miriam Street Thompson  
 Helen Kathryn Wickes  
 \*Frances Finlay White

\*Ruth Whittington

#### BACHELOR OF SCIENCE

Theodore Judson Abernethy  
 Robert Augustus Ashworth  
 Turpin Chambers Bannister  
 Frederick Calvin Bash  
 Carl Adolph Benson  
 Leslie Douglas Bone  
 Arthur White Curtis  
 William Clark Calvert  
 Lorenzo Donald Doty  
 James Franklin Frye  
 Donald Sidney Funk  
 William Ernest Gay  
 Charles Kenneth Gibson  
 \*Eugene Spurgeon Glasgo  
 \*Forest Levi Glasgo  
 Eugene Hanson  
 Clarence Nelson Hine  
 William Thomas Hundley  
 \*Joseph Benjamin Johnson  
 Warren Alfred Johnston  
 Evan Winthrop Jones  
 Chosaburo Kato  
 Francis Patrick Kintz  
 Earl Frederick Klinck  
 Stephen Arthur Miller

Edgar Franklin Miller  
 Frederick Rosegrant Moore  
 \*Merle Kenneth Paden  
 Justice Courtland Pickett  
 Hugh Glynn Price  
 Carlos Delbert Rian  
 Lawrence Foot Richardson  
 Clarence Tower Risley  
 Edward John Sebald  
 Charles J. Shelley  
 \*Earl David Smith  
 \*Ernest Bethlehem Smith  
 John Joseph Steinberger  
 Franklin Huntington Stevens  
 Charles Bartlett Suvoong  
 Delmar George Ubersax  
 Horace Lindley Vickers  
 \*Betty Alderton  
 Helen Marie Buker  
 Alma Irene Chambers  
 \*Hazel Irene Dunlap  
 Margaret King Galloway  
 Helen Louise Hanby  
 Margaret Bertha Hendrichs  
 \*Dorothy Hobart

\*Juanita Blodwyn Jones  
 \*Ida Leone Lorenz  
 \*Anna Corrinne Marshall  
 \*Lela Josephine Maxwell  
 \*Frances Helen Miller

Fenton Brook Smith  
 Mary Overholt Stephens  
 Mary Talbot  
 Barbara Lucille Valentine

# COMMISSIONS IN THE OFFICERS RESERVE CORPS UNITED STATES ARMY

## SECOND LIEUTENANTS OF INFANTRY

Charles Frederick Babbs  
 Arthur White Curtis  
 Donald Sidney Funk  
 Norton Helm Gilbert  
 Eugene Spurgeon Glasgo  
 Forest Levi Glasgo  
 Albert Russell Griffith  
 Myrl Marcus Hanenkrat

William Thomas Hundley  
 Warren Alfred Johnston  
 Francis Patrick Kintz  
 John Clough Martin  
 Lloyd Styers Michael  
 Stephen Arthur Miller  
 Russell Robert Rine  
 Delmar George Ubersax

Jack Porter Yohe

## CERTIFICATES OF ELIGIBILITY

Frederick Calvin Bash

Wade Drake Cockrum

Robert William Englehart

## HONOR GRADUATE

William Thomas Hundley

## DIPLOMAS IN CONSERVATORY

Mary Louella Anderson, Piano  
 Sonoma Lenore Deck, Piano,  
 Voice and Organ

Margaret Bertha Hendrichs,  
 Piano  
 Vivian Willis, Piano

## CERTIFICATES IN PUBLIC SCHOOL MUSIC

Mary Louella Anderson  
 Dorothy Baker  
 Vera Lucille Dodge  
 Mary Evelyn Forman

Cleo Naomi Green  
 Margaret Bertha Hendrichs  
 Florence Allmond Smalley  
 Alberta Marie Spooner

Lucille Burdette Tuttle

# Honors and Prizes Awarded in 1925

## ELECTION TO MEMBERSHIP IN PHI BETA KAPPA

James Lincoln Knapp, '25	Gladys Lucille Smith, '25
Albert Russell Griffith, '25	Margaret Aldrich Chamberlain, '25
William Thomas Hundley, '25	Katherine Brice McMillen, '25
Ernest John Stockum, '25	Mary Dodge White, '25
Turpin Chambers Bannister, '25	Robert William Englehart, '26
Jose V. Aguilar, '25	Gerald Stanley Wellman, '26
Alma Irene Chambers, '25	George Robert Stibitz, '26
Ruth Sunderland, '25	Naomi Bournier Alspach, '26
Margaret Bertha Hendrichs, '25	June Mann, '26
Florence Smalley, '26	

THE GILPATRICK SCHOLARSHIP FOR EXCELLENCE IN MATHEMATICS  
Chosaburo Kato Hazel Irene Dunlap

THE HARMON FRESHMAN LATIN PRIZE  
Divided equally between Mary Elizabeth Case and Mary Alberta Mehnert.

THE WOODLAND CHEMISTRY PRIZE  
First, Elmer L. Schweikle Second, Robert Taylor Ford

SPECIAL HONORS  
Chosaburo Kato, Mathematics Hazel Irene Dunlap, Mathematics

DEPARTMENTAL HONORS  
Leslie Douglas Bone, Mathematics  
James Crawford DeLong, Philosophy  
Chosaburo Kato, Mathematics  
James Lincoln Knapp, History  
Horace Lindley Vickers, Botany  
Mary Louella Anderson, Music  
Dorothy Leola Baker, Music  
Margaret Rachel Brooks, Modern Language  
Margaret Brown, Modern Language  
Margaret Aldrich Chamberlain, Latin  
Alma Irene Chambers, Modern Language  
Vera Lucille Dodge, Music  
Hazel Irene Dunlap, Mathematics  
Alice Margaret Griffin, History  
Helen Louise Hanby, Mathematics  
Evalina McCutcheon, History, Political Science

Katherine Brice McMillen, Modern Language  
 Helen Proctor, Philosophy  
 Ruth Anna Rogers, English  
 Marian Rowe, History  
 Gladys Lucille Smith, Latin and Mathematics  
 Ernest Stockum, Modern Language  
 Ruth Sunderland, Modern Language  
 Lucille Burdette Tuttle, Music  
 Margaret Bertha Hendrichs, Music

## GENERAL HONORS

James Lincoln Knapp	Katherine Brice McMillen
Ernest Stockum	Helen Proctor
Margaret Aldrich Chamberlain	Carrie Marian Rowe
Alma Irene Chambers	Ruth Sunderland
Margaret Bertha Hendrichs	Gladys Lucille Smith

## ANNUAL HONORS

Charles Frederick Babbs, '25	Roberta Davis, '27
Robert Lee Campbell, '28	Vera Lucille Dodge, '25
Dean Dalton Deeds, '26	Frances F. Fish, '26
Robert William Englehart, '26	Dorothy Jane Fulmer '26
Albert Russell Griffith, '25	Margaret Griffin, '25
James Lincoln Knapp, '25	Jean Gordon, '27
Donald Alexander Leslie, '26	Mary M. Hendricks, '27
Lloyd Styers Michael, '25	Elaine Hannay, '28
William Christian Moore, '25	Ida Leone Lorenz, '25
Andre Odebrecht, '28	Evalena McCutcheon, '25
Robert Price, '28	June Mann, '26
Ernest John Stockum, '25	Dorothy Cooper Moor, '26
Herbert Ogden Waters, '26	Helen Doris Moore, '26
Gerald Stanley Wellman, '26	Dorothy L. Nichols, '26
Kaomi Bournier Aslpach, '26	Martha Margaret O'Neal, '26
Hester Burr, '26	Carrie Marian Rowe, '25
Mary Elizabeth Case, '28	Florence Smalley, '26
Faye Caul, '26	Marguerite Smith, '26
Margaret Aldrich Chamberlain, '25	Lucille Burdette Tuttle, '25
Lucille E. Close, '25	Roberta White, '27
Georgia Ann Crawford, '28	Frances Finlay White, '25
Elizabeth Wilbur, '27	

## PRIZES FOR EXCELLENCE IN DEBATE

Lloyd Styers Michael, Gold Medal



## Honorable Mention

Frances Kramer

James Crawford DeLong

## THE LEWIS PRIZE CONTEST

First, Lloyd Styers Michael

Second, Kenneth Justus Martin

Third, James Crawford DeLong

Winning Debate Team

Lloyd Styers Michael

Kenneth Justus Martin

Norman Judson Padelford

## THE SAMSON TALBOT PRIZES IN BIBLE READING

First, Helen Proctor

Second, Elmer L. Schweikle

## THE FRESHMAN CHEMISTRY PRIZE

Bernard Oberdon Heston

# Students in Granville and Shepardson Colleges

(The enrollment for the First Semester only of 1925-26)

## GRADUATE STUDENTS

F. Dewey Amner	Spanish
R. M. McFarland	Mathematics
H. Lindley Vickers	Biology
Lloyd S. Michael	Political Science
Paul E. Henderson	Civil Engineering
Elizabeth Folger	English
Ellen Burns	English

## SENIORS

Allen, Ralph B. Ph.	Newark
Beaven, A. Webley Ph.	Rochester, Minn.
Becker, John W., Ph.	Dayton
Behan, Fred H., Ph.	Ottawa, Kansas
Bonnell, Barhyt G., Sc.	Elizabeth, N. J.
Breeze, Kenneth, Cl.	Granville
Case, Robert I., Sc.	Washington C. H.
Clutter, D. Earle, Sc.	Utica
Courtier, William, Sc.	Pataskala
Crawford, Ira, Ph.	Dayton
Curry, Robert, Sc.	Bozeman, Mont.
Dawkins, Carl E., Ph.	Granville
Day, Norman Eugene, Ph.	Wooster
Deeds, Dean Dalton, Sc.	Granville
Earp, James H., Cl.	Allison Park, Pa.
Englehart, Robert, Ph.	Cleveland
Ford, Robert T., Sc.	Youngstown
Frederick, R. Charles, Ph.	Johnstown
Frasch, Robert R., Sc.	Bremen
Fundaberg, Charles F., Ph.	Newark
Henderson, Paul, Sc.	Norwalk
Imhoff, George B., Sc.	Wooster
James, Harold A., Ph.	Youngstown
Keeler, Howard H., Cl.	Racine, Wis.
Kincaid, Dalton, Ph.	Crooksville
Kundert, Edward C., Sc.	Alpha
Leslie, Donald A., Ph.	Granville
Loveless, Forest W., Sc.	Granville

Minor, Donald, Ph.....	Carmichaels, Pa.
Morton, Edwin Hawley, Ph.....	Newton Center, Mass.
Palmer, Richard H. C., Ph.....	Lakewood
Schmitz, Edward A., Ph.....	Granville
Schweikle, Elmer, Sc.....	Chicago, Ill.
Silbernagel, Wynne M., Sc.....	Columbus
Silcott, Rollin, Ph.....	Washington C. H.
Smith, Robertson F., Sc.....	Cleveland
Stibitz, George R., Sc.....	Dayton
Swift, Robert G., Sc.....	Avalon, Pa.
Vian, John Cecil, Sc.....	Mt. Vernon
Waters, Herbert O., Ph.....	Swatow, China
Weaver, John A., Sc.....	Greeley, Colo.
Wellman, Gerald S., Cl.....	Granville
Wright, Almon R., Ph.....	Granville
Wyse, Lloyd E., Sc.....	Fayette
Stockdale, Clarence E., Sc.....	Sandusky

Alexander, Mildred, Ph.....	Spring Valley
Alspach, Naomi B., Cl.....	Newark
Austin, Flora Angel, Ph.....	Painesville
Bateman, Mary Elizabeth, Ph.....	Zanesville
Boss, Helen Mae, Cl.....	Newark
Browne, Cecile M., Ph.....	Haskins
Bruce, Elma Christine, Ph.....	Garrettsville
Callihan, Margaret, Ph.....	Cambridge
Canright, Marion, Sc.....	Haskins
Capehart, Helen M., Ph.....	East Liverpool
Carson, Ella A., Ph.....	Uhrichsville
Caul, Faye, Ph.....	Ames, Iowa
Codington, Lillian May, Cl.....	Newark
Criswell, Marion Isabelle, Sc.....	Clarendon, Va.
Curtis, Dorothy Brown, Sc.....	New Richmond
Dorey, Margaret Banks, Cl.....	Newark
Eiszner, Lorraine, Sc.....	River Forest, Ill.
Everhart, Lois E., Ph.....	Middletown
Ewers, Thelma Faye, Ph.....	Granville
Farr, Esther Margaret, Ph.....	Saxton's River, Vt.
Fishburn, Hazel E., Ph.....	Mt. Vernon
Follin, Virginia Elizabeth, Ph.....	Cleveland Hts.
Foss, Helen L., Ph.....	Chicago, Ill.
Frederick, Margaret M., Ph.....	Elm Grove, W. Va.
French, Helen Mae, Ph.....	Erie, Pa.

Fullerton, Marjorie, Ph.	Greenfield
Fulmer, Dorothy Jane, Cl.	Oakdale, Pa.
Holcomb, Martha Jane, Ph.	Richmond, Ind.
Horwell, Mildred Elizabeth, Ph.	East Liverpool
Hosick, Helen Irene, Ph.	Granville
Howard, Mary Margaret, Cl.	Newark
Hulet, Edythe, Sc.	Cleveland Hts.
Hulshizer, Wilhelmina, Ph.	Granville
Jackson, Courtney C., Ph.	Springfield
Johnson, Norma Russell, Ph.	Washington, D.C.
Jones, Grace Lucille, Ph.	Springfield
Kirby, Winnifred Irene, Ph.	Elkhart, Ind.
Knight, Iris, Ph.	Charleston, W. Va.
McCann, Alice, Cl.	Dayton
McCreary, Anna Pauline, Cl.	Newark
McGuffin, Marjorie, Ph.	Pettisville
McMinn, Carlita, Sc.	Centralia, Ill.
Machlin, Eleanor B., Ph.	Milwaukee, Wis.
Mann, June, Ph.	Granville
Moor, Dorothy Cooper, Ph.	Kankakee, Ill.
Moore, Doris Helen, Sc.	Hebron
Nicely, Rosaline, Ph.	Dayton
Nichols, Dorothy, Ph.	Chicago, Ill.
Reed, Eleanor, Ph.	Springfield
Reed, Rachel M., Ph.	Springfield
Richardson, Laura, Ph.	Cincinnati
Robuck, Rosanna, Sc.	West Union
Rohrer, Katherine, Ph.	Granville
Sargent, Blanche, Ph.	Marietta
Simpson, Doris O., Ph.	Howard
Smalley, Florence A., Ph.	Irwin, Pa.
Smith, Anna Mae, Ph.	Pittsburgh, Pa.
Spooner, Alberta M., Ph.	Weston, Mich.
Stevenson, Esther R., Ph.	Newark
Stratton, Doris, Ph.	New London
Tarr, Priscilla Maria, Ph.	Mt. Vernon
Taylor, Violet Jeannette, Ph.	Croton-on-Hudson, N. Y.
Thresher, Felicie, Ph.	Kansas City, Mo.
Wilkin, Mary Thelma, Ph.	Newark

## JUNIORS

Air, C. Walker, Sc.	Mt. Healthy
Akers, Edward S., Sc.	Hood River, Ill.

Amrine, Carl Thompson, Sc.....	Zanesville
Anderson, Walter, Ph.....	Stockton, N.Y.
Aschinger, Frederick, Sc.....	Columbus
Ashbrook, Ross S., Sc.....	Granville
Baker, Warren H., Ph.....	Washington, C. H.
Bateman, William, Sc.....	Zanesville
Bergold, Russell, Ph.....	E. Cleveland
Brainard, Dwight A., Sc.....	Dayton
Butcher, Thompson A., Sc.....	Canton
Carey, Clifford, Sc.....	Dayton
Cary, Andrew William, Sc.....	Kileville
Case, Leland, Ph.....	Granville
Churdar, John, Cl.....	Roumammia
Coe, Donald, Sc.....	Shelby
Crowl, Gerald, Sc.....	Lorain
DePuy, Henry, Ph.....	Lakewood
Ellison, Robert B., Ph.....	West Union
Fisher, Maxwell, Sc.....	Clearville, Pa.
Gallooly, Lester, Sc.....	Zanesville
Garrison, George M., Ph.....	Walhonding
Gillam, Ernest E., Ph.....	Harveysburg
Gray, Needmore, Sc.....	Paducah, Ky.
Handel, Paul W., Sc.....	Newark
Haynes, Hunter H., Ph.....	Sandusky
Hiatt, Raymond, Sc.....	Newark
Hinckley, Stuart, Ph.....	Bay Village
Hla, David Q., Ph.....	Rangoon, Burma
Hunt, Lester.....	Utica
Hutchins, Karl, Ph.....	Granville
Innes, John, Ph.....	Chicago, Ill.
James, Kenneth, Ph.....	Cleveland Hts.
Jones, Wilbur, Ph.....	Lakewood
Lewis, Gomer A., Ph.....	Newark
McClung, J. Dwyer, Ph.....	Ottawa, Kansas
McGuffin, Kenneth, Sc.....	Pettisville
Martin, Kenneth, Ph.....	Mt. Vernon
Melick, Joseph M., Sc.....	Johnstown
Mitchell, Curtis, Sc.....	Granville
Moore, Robert H., Sc.....	Zanesville
Nicholson, James A., Ph.....	Sandusky
Nicola, Kenneth, Ph.....	Cleveland
Pierson, Russell, Sc.....	Granville
Pierson, Glenard, Sc.....	Newark

Powell, Leland, Ph.	Mt. Gilead
Rettig, Ralph L., Sc.	Middletown
Rex, Paul E., Ph.	Youngstown
Rhodes, Estel, Sc.	Saint Marys
Rogers, Wilbur G., Sc.	Ft. Collins, Colo.
Roth, Ray, Ph.	Alexandria
Rutherford, Paul A., Sc.	Cambridge
Santucci, Caesar, Ph.	E. Rochester, N. Y.
Sprau, Walter, Sc.	Sandusky
Stevenson, Ralph	Dayton
Stoaks, Chas. E.	Seville
Thunn, Chas. Albert, Ph.	Middletown
Tilton, Louis, Sc.	Dayton
Treharne, Samuel R., Ph.	Martins Ferry
Webster, Richard, Ph.	Dayton
Weis, Karl G., Sc.	Sandusky
Weisenbarger, Harold, Sc.	Greenville
Whittington, Loren, Ph.	Xenia
Wilson, Robert, Ph.	Dayton
Wolfe, Norman, Ph.	Mansfield
Yoakam, Carmi J., Ph.	Utica
Abernethy, Alice, Ph.	Berwyn, Ill.
Baker, Ruth, Ph.	Passaic, N. J.
Band, Gertrude, Ph.	Providence, R. I.
Bawden, Dorothea C., Ph.	Granville
Bell, Lucy, Ph.	Norwalk
Bline, Dorothy, Ph.	Newark
Brown, Dorothy Ashmore, Sc.	Toledo
Carpenter, Jemess, Ph.	Granville
Cleveland, Grace Roberts, Ph.	Granville
Constable, Geraldine, Ph.	Cleveland
Crampton, Alta L., Ph.	Dayton
Darrow, Dorothy Beryl, Ph.	Granville
Davis, Roberta, Cl.	Granville
Detweiler, Dorothy, Ph.	Tarrytown, N. Y.
Dush, Mary, Sc.	Newark
Ewart, Beatrice Marie, Ph.	Hamilton, N. Y.
Ewers, Esther, Ph.	Granville
Fowle, Margaret Elizabeth, Ph.	Greeley, Colo.
Gambrell, Martha F., Ph.	Pittsburgh, Pa.
Geddes, Kathryn, Cl.	Newark
Gibbs, Esther Helen, Sc.	Canton

Gilchrist, Ethel, Cl.....	Wilmette, Ill.
Gordon, Jean Winifred, Ph.....	Oak Park, Ill.
Graves, Winifred V., Cl.....	Clarksburg, W. Va.
Hendricks, Mary Margaret, Cl.....	Tippecanoe City
Husted, Elizabeth, Ph.....	Wheaton, Ill.
Jones, Ruth, Ph.....	Cincinnati
Kimball, Katherine, Sc.....	Dayton
King, Emily D., Sc.....	Mountain View, Okla.
Kurtz, Ila, Ph.....	Akron
Laycock, Helen Grace, Cl.....	Chicago, Ill.
Loughridge, Eurie, Ph.....	Cleveland
Lovett, Marion Herrick, Ph.....	Detroit, Mich.
Lowery, Berneda, Ph.....	Granville
McElhaney, Faye, Ph.....	Muskogee, Okla.
McNall, Lucy Alden, Ph.....	Albion, N. Y.
Martin, Florence G., Ph.....	Granville
Mayner, Emily, Cl.....	Ashland
Miller, Kathleen Bess, Ph.....	Watkins, N. Y.
Miller, Vera, Ph.....	Mt. Gilead
Packer, Frances, Cl.....	Toulon, Ill.
Pence, Marjory Anne, Ph.....	West Jefferson
Peterson, Miriam Anna, Ph.....	Oak Park, Ill.
Price, Jessica, Ph.....	Chicago, Ill.
Price, Mary Elizabeth, Ph.....	Newark
Randel, Bernice K., Ph.....	Mount Vernon, N. Y.
Rickett, Ruth Mabel, Sc.....	Granville
Roemer, Lois, Ph.....	Waukegan, Ill.
Scarritt, Mary, Ph.....	River Forest, Ill.
Seaberg, Edna M., Ph.....	Mars, Pa.
Sheets, Helen R., Ph.....	Rio Grande
Shreve, Beatrice Martin, Ph.....	Brooklyn, N. Y.
Silliman, Kathryn L., Ph.....	Granville
Sloan, Julia Eleanor, Ph.....	East Cleveland
Smith, Cornelia M., Ph.....	Zanesville
Smock, Dorothy Dean, Ph.....	Erie, Pa.
Stephens, Evelyn, Sc.....	Cincinnati
Weimer, Thelma, Ph.....	Lakeville
West, Isabel, Ph.....	Horicon, N. Y.
White, Roberta, Ph.....	Shanghai, China
Wilbur, Elizabeth G., Ph.....	Shanghai, China
Wright, Myra, Sc.....	Granville

## SOPHOMORES

Adams, Ronald W., Sc.	Newton Centre, Mass.
Albaugh, Maurice, Sc.	Quincy
Amos, Carroll, Sc.	Newark
Andrews, William T., Sc.	New Lexington
Armstrong, Lorin E., Ph.	Cleveland
Asquith, Homer, Ph.	Waterloo, Iowa
Avery, William Allen, Sc.	Granville
Banning, Vaughn, Sc.	Mt. Vernon
Barber, Lyman F., Ph.	Cleveland
Beardsley, Orville, Ph.	Delphos
Bellish, Anthony, Sc.	Cleveland
Berger, Russell, Ph.	Birmingham, Mich.
Bourner, James F., Sc.	Newark
Bovington, D. Lockhart Ph.	Cleveland
Brandt, Leo, Sc.	Troy
Browne, Kenneth, Sc.	Haskins
Campbell, Robert, Sc.	Niles
Canary, Robert, Sc.	Bowling Green
Carlock, Henry Arthur, Sc.	Alexandria
Carpenter, Wade, Ph.	Willard
Castellini, Joseph, Ph.	East Aurora, N.Y.
Chamberlain, Stuart, Sc.	Granville
Charsky, Arthur, Cl.	New Britain, Conn.
Clark, James Vance, Sc.	Chattanooga, Tenn.
Clissold, Paul, Ph.	Chicago, Ill.
Coe, Dale	Shelby
Colwill, Clifford, Ph.	Mt. Vernon
Condit, Clarence, Ph.	Alexandria
Crane, Roland, Ph.	Cincinnati
Cregar, Ronald Samuel,	Richmond Hill, N. Y.
Crouch, Paul, Sc.	Newark
Davis, Winfield G., Ph.	Detroit, Mich.
Dewey, James Robert, Ph.	Newark
Dillon, Paul Everett, Ph.	St. Louisville
Doutt, Walter C., Sc.	Bowling Green
Edwards, Thomas J., Ph.	Birmingham, Mich.
Ensign, Frederick, Ph.	Defiance
Evans, David, Ph.	Youngstown
Filkins, Frank C., Ph.	Norwalk
Fisher, Kirkland E., Sc.	Ann Arbor, Mich.
Foote, Edwin, Ph.	Coshocton
Gannett, Herman Byril.	Lorain



Garrett, Irven, Ph.....	Haskins
Gilbert, Gordon.....	Newark
Glasgo, Victor, Ph.....	Loudonville
Graves, Lynn B., Ph.....	Elgin, Ill.
Greer, John C. Ph.....	Willard
Grube, Nelson, Ph.....	Basil
Guthery, Wm. S., Ph.....	LaRue
Handel, George A., Ph.....	Newark
Hanlon, Charles E.....	Donora, Pa.
Hann, Paul Custer.....	S. Brownsville, Pa.
Helm, David, Ph.....	Newark
Hendricks, Thomas, Ph.....	Cleveland
Herron, John A., Ph.....	Mt. Vernon
Heston, Bernard O., Ph.....	Kings Mills
Hick, Garland, Ph.....	Cambridge
Hindman, Charles, Sc.....	Tarentum
Hipsley, Harry D., Sc.....	St. Petersburg, Pa.
Hoffman, Carlyle D., Ph.....	Sandusky
Huff, Arthur L., Ph.....	Bethesda
Isaac, David, Ph.....	Martins Ferry
Jenkins, Clyde, Ph.....	Cambridge
King, Arthur, Ph.....	Cleveland, Okla.
Kuhn, John Paul, Ph.....	Newark
Lane, Everett Heber, Ph.....	Toledo
Lapham, Samuel A., Ph.....	New Philadelphia
Levering, Lee, Sc.....	Saint Marys
Levering, Stanley, Sc.....	Saint Marys
Lindrooth, Charles D., Ph.....	Newark
Luce, Dudley G., Ph.....	Bronxville, N. Y.
Luff, Robert M., Ph.....	East Cleveland
McClelland, Robert J., Ph.....	Western Springs, Ill.
McFadden, Murry, Sc.....	Granville
Macafee, Roy, Cl.....	Delavan, Wis.
Mayes, Leslie, Ph.....	Lincoln, Neb.
Mazey, William, Ph.....	Newark
Mears, Lewis L., Ph.....	Granville
Meeks, Jack, Ph.....	Canton
Moore, John Willer D., Sc.....	New Straitsville
Nishihara, Mitsuo, Sc.....	Honolulu, Hawaii
Nishio, Edward W., Ph.....	Kobe, Japan
Norman, John L.....	Detroit, Mich.
Odebrecht, L. Andre, Ph.....	Granville
Owens, Herbert, Sc.....	Granville

Parks, Thomas, Sc.	Chicago, Ill.
Pearson, Ralph E, Sc.	Tippecanoe City
Peck, Roy Irving, Ph.	Cleveland
Pence, Gerald, Sc.	Hillsboro
Perkins, Aiden W., Sc.	Youngstown
Philbrick, W. Ronald, Ph.	Granville
Pickering, William, Ph.	Lancaster
Pierson, Charles, Sc.	Granville
Polst, Lloyd, Cl.	Cincinnati
Price, Robert, Ph.	Alexandria
Ralston, James William,	Cleveland
Richards, William, Ph.	Granville
Russell, Earl, Ph.	Wooster
Sanders, Gwynn, Sc.	Richwood
Schmitz, Gilbert, Ph.	Granville
Shanley, Emmet M., Ph.	New Philadelphia
Sinsel, Richard, Ph.	Grafton, W. Va
Sloan, John, Ph.	Newtown
Smith, Alexander, Ph.	Mt. Vernon
Smith, Charles R., Ph.	Bellevue
Smith, Stanton E., Ph.	Chattanooga, Tenn.
Smith, Wayne L., Ph.	Newark
Solida, Floyd, Sc.	Wellington
Spoerri, Raymond L.	Chicago, Ill.
Stark, John, Sc.	Granville
Steinberger, Peter J., Ph.	Saint Paris
Stull, John Paul, Ph.	Granville
Swanson, Paul, Ph.	Granville
Taylor, Max Edward, Ph.	Morris, N. Y.
Thornforde, Ernest S., Sc.	Beacon, N. Y.
Tibbitts, Kennerd, Ph.	Chicago, Ill.
Toth, Alexander, Sc.	Toledo
Varney, Kenneth A., Ph.	Dayton
Wagenhals, Edward R., Sc.	Newark
Walker, Judson W., Ph.	Walworth, N. Y.
Walter, Harold F., Ph.	Lansing, Mich.
Wardley, Alfred G., Ph.	Bedford
Warren, Chas., Ph.	Medina
Warren, Millard, Ph.	Medina
Whitemore, Robert C., Ph.	Akron
Wiatt, Edward, Ph.	Granville
William, Byron, Sc.	Newark
Willis, Wendell, Ph.	Wellston

Wright, Jack A., Sc.....	Indianapolis
Ackley, Irene, Sc.....	Battle Creek, Mich.
Adams, Bertha M., Sc.....	Granville
Adamson, Wadena, Ph.....	Granville
Allen, Mary Louise, Ph.....	Dayton
Arnold, Irene Elizabeth, Sc.....	St. Catherines, Ont.
Avery, Gertrude Belle, Ph.....	Granville
Babbs, Margaret C., Cl.....	Newark
Baldwin, Amanda, Ph.....	Dayton
Batdorf, Geneva A., Ph.....	St. Paris
Billings, Nellie Mae, Ph.....	Bellevue
Brabrook, Helen S., Ph.....	Oak Park, Ill.
Bradfield, Mary Louise, Ph.....	Galion
Bradley, Beatrice, Ph.....	Chagrin Falls
Bridge, Pauline, Ph.....	W. Canton
Brown, Helen, Ph.....	Martins Ferry
Burrell, Helen Frances, Ph.....	Newark
Bussell, Louise, Sc.....	Sparland, Ill.
Case, Mary Elizabeth, Cl.....	Granville
Christian, Valeda, Ph.....	Chagrin Falls
Clark, Mildred, Ph.....	Willard
Collyer, Ruth, Ph.....	Rochester, N. Y.
Cook, Alice, Ph.....	Granville
Cooper, Isabelle, Ph.....	Oak Park, Ill.
Cowden, Olita B., Ph.....	Cambridge
Crawford, Georgiana, Sc.....	Toledo
Dallman, Lillian, Sc.....	Waverly, N. Y.
Darby, Catherine, Ph.....	Owatonna, Minn.
Deeds, Josephine, Sc.....	Granville
Dickerson, Hilda, Cl.....	Dayton
Ebaugh, Marion, Ph.....	Granville
Eckert, Edythe F., Ph.....	Detroit, Mich.
Elmore, Rachel E., Ph.....	Philadelphia, Pa.
Eubank, Marybelle, Ph.....	Kansas City, Mo.
Fleming Alda, Ph.....	Alexandria
Fleming, Margaret, Ph.....	Alexandria
Forsyth, Virginia, Ph.....	Newark
Frick, Edna M., Cl.....	Norwood
Frye, Bernice, Ph.....	Newark
Gill, Winifred M., Ph.....	St. Catherines, Ont.
Gordon, Maxine E., Ph.....	Toledo
Grogan, Virginia D., Ph.....	Parkersburg, W. Va.

Hall, Catherine A., Ph.	Poolesville, Md.
Hannay, Elaine, Cl.	Balston Spa, N. Y.
Hart, Helen, Ph.	Coshocton
Haskins, Virginia, Ph.	Marietta
Heald, Elizabeth, Ph.	River Forest, Ill.
Hedden, Constance, Ph.	Newark, N. J.
Helbing, Cora I., Sc.	Toledo
Hendershot, Helen, Cl.	Sebring
Hess, Mary Jane, Ph.	Canton
Hooper, Inez L., Cl.	Newark
Hosey, Dorothy, Cl.	Huntington, W. Va.
Husband, Margaret, Ph.	Cleveland Heights
Johns, Helen, Ph.	New Philadelphia
Jones, Margaret, Ph.	Columbus
Kain, Edna D., Ph.	Middletown, N. Y.
Kreager, Ruth M., Ph.	Alexandria
Kurtz, Eleanor L., Ph.	Granville
McDougall, Clarice, Ph.	Chicago, Ill.
Mann, Janice, Ph.	Granville
Marsh, Dorothy, Ph.	Irwin, Pa.
Martin, Louise, Ph.	Granville
Mathews, Frances M., Ph.	Hubbard
Mehnert, Mary A., Cl.	Buffalo, N. Y.
Michael, R. Imogene, Ph.	Mt. Vernon
Mitchell, Margaret E., Ph.	Bellevue, Pa.
Moore, Gladys, Ph.	Kankakee, Ill.
Mugford, Esther M., Ph.	River Forest, Ill.
Myers, Harriet, Ph.	Erie, Pa.
Myers, Virginia, Ph.	Cleveland
Neubecker, Wilma, Ph.	Cleveland
Newland, Elizabeth, Ph.	Paw Paw, Mich.
Nichols, Jean Elizabeth, Ph.	Chicago Ill.
Nofzinger, Ruth Anne, Ph.	Archbold
Noyes, Katherine, Ph.	Oak Park, Ill.
O'Dell, Dorothy T., Cl.	Milola, Minn.
Owens, Eleanor Catherine, Ph.	Mt. Vernon
Payne, Elsie, Ph.	Cincinnati
Pease, Evelyn, Sc.	Berwyn, Ill.
Piggot, Ethel, Ph.	River Forest, Ill.
Price, Ann, Ph.	Granville
Proctor, Mildred, Ph.	Shanghai, China
Quayle, Dorothy B., Ph.	Wellsville
Ralston, Mary Louise, Ph.	Newark

Raymond, Louise, Sc.....	Youngstown
Reed, Dorothy A., Ph.....	Homestead, Pa.
Reid, Hannah B., Ph.....	Chicago, Ill.
Richards, Alice R., Sc.....	Newark
Riffey, Beatrice A., Ph.....	Johnstown
Robion, Pauline, Ph.....	Oak Park, Ill.
Rohrer, Frances A., Ph.....	Granville
Roper, Florence, Cl.....	Conclove
Roudebush, Betty, Ph.....	Newtonsville
Rowe, Lucille F., Sc.....	Navarre
Sarles, Ruth, Ph.....	Norwood
Schopp, Carolyn E., Ph.....	Oak Park, Ill.
Settle, Virginia, Ph.....	Covington, Ky.
Shaw, Elizabeth, Cl.....	Buffalo, N. Y.
Sidle, Josephine, Ph.....	Richwood
Skinner, Edith M., Ph.....	Newark
Smith, Clara May, Ph.....	Hartford, W. Va.
Smith, Hilda Florence, Sc.....	Columbus
Smith, Margaret Olive, Ph.....	Hartford, W. Va.
Smith, Nancy, Ph.....	Granville
Smock, Isabelle, Ph.....	Erie, Pa.
Solly, Mary K., Ph.....	Passaic, N. J.
Solt, Virginia, Sc.....	Oak Park, Ill.
Spencer, Marian, Ph.....	Newark
Starkey, Marie, Ph.....	St. Louis, Mo.
Steinberger, Dolly D., Ph.....	St. Paris
Stone, Bernadine, Cl.....	Elmhurst, Ill.
Thomas, Louise, Sc.....	Granville
Thompson, Luella, Ph.....	Wellsville
Watkins, Nina Elizabeth, Cl.....	Newark
West, Pauline, Sc.....	Troy
Wiley, Margaret E., Sc.....	Granville
Williams, Helen M., Ph.....	Massillon
Withoft, Marjorie J., Sc.....	Dayton
Wolf, Kathryn, Ph.....	Dayton
Wright, Ann, Sc.....	New Philadelphia

## FRESHMEN

Ager, George Samuel, Ph.....	Kirkersville
Allen, Ellsworth, Ph.....	Painesville
Allen, Ralph W., Ph.....	Bacone, Okla.
Allen, Samuel S., Sc.....	Robinson, Ill.

Almendinger, Irving E., Sc.	Marion
Amos, William, Sc.	Cambridge
Anderson, Clifford, Ph.	Chicago, Ill.
Anderson, Robert B.	Columbus
Andrews, Russell, Sc.	Hamilton
Austin, George L.	Painesville
Bakeman, Albert R., Sc.	Shanghai, China
Baker, Charles B., Ph.	Johnstown
Barber, Arden R., Ph.	Johnstown
Barth, Gilbert, Ph.	Sandusky
Beagle, Frank, Sc.	Martins Ferry
Bennett, Ralph C., Sc.	Columbus
Bevan, Leroy A., Ph.	E. Chicago
Beverly, George T., Sc.	Painesville
Billheimer, Wayne M., Sc.	W. Salem
Bishop, Charles S., Sc.	Pataskala
Blackford, Robert, Sc.	Martins Ferry
Blaisdell, James P., Sc.	Deer Lodge, Mont.
Bratt, Murry, Sc.	Clarence Center, N. Y.
Brelsford, Charles M., Sc.	E. Cleveland
Brown, Arthur, Ph.	Haskins
Buchanan, Robert D., Ph.	Oak Park, Ill.
Buck, Everett, Sc.	Johnstown
Buey, Thomas, Sc.	Granville
Butz, John C., Ph.	Gallipolis
Byers, Frederick, Ph.	Franklin
Cary, Martin, Sc.	Plain City
Chapin, Lawrence, Sc.	Lakewood
Cheney, George J., Sc.	Conneaut
Chinn, Samuel, Ph.	Canton, China
Christian, Frederick D., Ph.	Newark
Clapper, William R., Sc.	Dayton
Coleman, Hugh O., Sc.	Latonina, Ky.
Collins, Millard F., Ph.	Waynetown, Ind.
Collins, Sidney E., Sc.	Oak Park, Ill.
Condit, Paul, Sc.	Pataskala
Cookson, Corwin A., Sc.	New Lexington
Cory, Arthur, Sc.	Jamestown
Courson, Harold, Sc.	Barberton
Craig, Fred, Sc.	Canton
Cromer, Ralph, Sc.	Newark
Crossland, Richard, Sc.	Newark
Danner, Howard C., Sc.	Newark

Darrow, Walter Wiatt, Sc.....	Granville
Davis, Kenneth M., Sc.....	Mansfield
Dawson, Bernard, Ph.....	Zanesville
Dawson, Scott, Sc.....	Petersburg, Ill.
DeMay, Richard, Ph.....	Sandusky
Devore, Robert, Sc.....	Cambridge
Dicks, Donald M., Ph.....	Newark
D'Yarmett, Osmond A., Sc.....	Newark
Edgar, Donald, Ph.....	Lyons
Elgin, Walter, Ph.....	Columbus
Ellington, Walter E., Ph.....	Ogden, Utah
Ellis, Erle M., Ph.....	Oak Park, Ill.
Eppley, Walter, Sc.....	Croton
Evans, Donivan, Sc.....	Hanover
Fadely, Darrell M., Ph.....	Bellevue
Farber, Mervin A., Sc.....	Stryker
Farmer, Paul H., Ph.....	Newark
Fields, Arthur, Sc.....	Bacone, Okla.
Finley, Milton, Sc.....	Niles
Fischer, Addison, Ph.....	London
Flack, William, Cl.....	Piqua
Folsom, Thomas, Sc.....	Dayton
Fox, Verner I., Ph.....	Put-in-Bay
Freed, Richard, Sc.....	Dayton
Fuch, Charles, Sc.....	Newark
Fulton, Harold D., Sc.....	Newark
Garwood, John R., Sc.....	Dayton
Geddes, William H., Sc.....	Newark
Gee, Arthur W., Sc.....	Delta
Ghent, Clarence E., Cl.....	Columbus
Gibson, John M., Sc.....	Newark
Giffen, Harold M., Sc.....	Kaying, S. China
Grant, William, Sc.....	Cambridge
Green, Robert M., Sc.....	Johnstown
Gregory, Arthur C., Ph.....	Waterford, Pa.
Gregory, Mitchell C., Sc.....	Fayetteville, N. C.
Groesbeck, Tracy F., Ph.....	Spencerport
Groth, Douglas G., Cl.....	Oak Park, Ill.
Grube, William D., Sc.....	West Salem
Haas, Philip, Sc.....	White Plains, N. Y.
Habryl, Fred F., Sc.....	Chicago, Ill.
Hagan, Charles M., Ph.....	Mt. Vernon
Haidet, Monroe P., Ph.....	Akron

Hammond, Keith R., Sc.	Granville
Handel, Carl, Sc.	Newark
Hays, George S., Sc.	Uhrichsville
Heath, Norman A., Sc.	East Liverpool
Heaton, Geo. D., Cl.	Louisville, Ky.
Henson, Henry B., Ph.	Mt. Vernon, Mo.
Holmes, Russell M., Sc.	Granville
Hornberger, Paul, Sc.	Sandusky
Horwell, John E., Ph.	East Liverpool
Hoshide, Masuo, Sc.	Seattle, Wash.
Howard, George Junior, Ph.	Mt. Vernon, Ill.
Howland, Joe, Sc.	Plain City
Hunt, Paul R., Ph.	Bethesda
Jenkins, Philip M., Ph.	Parkersburg, W. Va.
Johnson, Lawrence E., Sc.	Youngstown
Jones, John E., Ph.	Oak Hill
Jones, Robert, Ph.	Youngstown
Kashiwagi, Rio, Ph.	Seattle, Wash.
Kaufman, Worth M., Ph.	Mansfield
Kemper, James C., Ph.	Parkersburg, W. Va.
Kerber, Walter C., Ph.	Sandusky
Kincaid, Donald, Sc.	Crooksville
Kirby, Bernard C., Cl.	Elkhart, Ind.
Kirkpatrick, Harley J., Sc.	Warren
Kistemaker, Andrew, Ph.	Cleveland
Knopf, Edward, Ph.	Sandusky
Lamb, Laclede, Ph.	Lakewood
Laycock, Hartley C., Sc.	Chicago, Ill.
Leslie, Theodore G., Sc.	Granville
Lewis, Wilbur A., Sc.	Newark
Livingston, Lester, Sc.	Indianapolis, Ind.
Loudenslager, Edgar, Ph.	Toledo
Love, William, Sc.	Youngstown
Lovett, Eldon P., Ph.	Detroit, Mich.
Luce, Dudley G., Ph.	Bronxville, N. Y.
Luill, Harry, Sc.	Laurens, N. Y.
McCormick, Walter, Sc.	Cleveland Heights
McDonald, George, Ph.	Newark
Martin, Ragan, Sc.	Lakewood
Mason, Charles R., Sc.	Hamilton
Mason, Thomas, Ph.	Elgin, Ill.
Mathews, Samuel, Sc.	Hubbard
Michael, George L., Sc.	Poasttown



Miller, Ward S., Ph.....	Poland, N. Y.
Moore, Willard O., Sc.....	Detroit, Mich.
Neff, Irwin, Ph.....	Birmingham, Mich.
Nice, John, Sc.....	Lima
Ogden, George K., Ph.....	Lakewood
Osmer, William W., Ph.....	Dayton
Owen, Wilson B., Sc.....	Berea
Owens, Alfred, Sc.....	Granville
Owens, John F., Sc.....	Granville
Oxley, Geo. Taylor, Ph.....	Newark
Parrott, Harry B., Ph.....	Marysville
Phillips, Owen M., Ph.....	Cleveland
Pickett, George, Ph.....	Cincinnati
Ports, Allen K., Ph.....	Mansfield
Posegate, John M., Ph.....	Springfield, Ill.
Potter, Clifton, Ph.....	Newark
Prosser, Harold G., Ph.....	Wellington
Rader, Donald S., Sc.....	Niles
Rager, George, Ph.....	Sandusky
Rector, John W., Sc.....	Newark
Reed, Nelson, Ph.....	Zanesville
Reighard, Frank, Sc.....	Wauseon
Richards, Dwight, Ph.....	Columbus
Riley, James N., Ph.....	Dayton
Robison, Jack L., Ph.....	Urbana
Roller, Robert, Ph.....	Detroit, Mich.
Roney, Charles F., Ph.....	Terre Haute, Ind.
Rose, Joseph G., Sc.....	Cleveland Heights
Rosene, Marshall, Ph.....	Chicago, Ill.
Russell, William E., Sc.....	Toledo
Schaller, Paul H., Sc.....	Monclova
Seidner, Earle R., Ph.....	Wauseon
Senter, Karl F., Ph.....	Coshocton
Sheahan, Melville, Sc.....	Ontario, N. Y.
Shively, Russell L., Sc.....	Celina
Shotwell, John M., Ph.....	Carrollton
Siandru, Clement, Ph.....	Martins Ferry
Simmons, Fred, Ph.....	Johnstown
Smith, Hugh, Ph.....	Granville
Smith, Reed D., Cl.....	Oneonta, N. Y.
Smith, Herbert, Ph.....	Bellevue
Smith, Paul K., Ph.....	Clawson, Mich.
Smith, Stewart, Sc.....	Dunbridge

Snedecker, Russell, Ph.	Coshocton
Snyder, Joseph, Sc.	Dayton
Speicher, Ben, Sc.	Washington C. H.
Spring, Harling, Ph.	Marion
Stephens, Robert M., Cl.	Troy
Sterritt, William R., Sc.	St. Johns, N. B.
Stewart, Aston, Sc.	Coshocton
Stilwell, Charles, Sc.	Bedford
Strayer, Winfield Vern, Sc.	Monclova
Stubbs, Harold B., Sc.	Garrollton
Taylor, William K., Sc.	Conneaut
Troup, Paul, Ph.	Dayton
Troxel, Cecil, Ph.	Rochester, N. Y.
Truelson, Arthur J., Ph.	Conneaut
Tuggey, Arthur W., Ph.	Birmingham, Mich.
Tuttle, Stephen, Ph.	Granville
Van Atta, Ralph, Sc.	Granville
Watson, Glenn B., Ph.	Granville
Weakley, Kenneth C., Ph.	Newark
White, William, Ph.	Newport, Ky.
Wiley, Alfred N., Ph.	Balston Spa, N. Y.
Williams, Homer, Sc.	Youngstown
Wince, Paul K., Sc.	Utica
Windle, Ben E., Sc.	Newark
Winland, James, Sc.	Mt. Vernon
Wirebaugh, John, Sc.	Prairie Depot
Woodring, George K., Ph.	Altoona, Pa.
Worst, Richard J., Sc.	Dayton
Wright, Howard M., Sc.	Granville
Young, Clair, Sc.	Caldwell
Albaugh, Hilda P., Sc.	Dayton
Allan, Gertrude, Ph.	Canton
Amos, Sarah, Ph.	Cambridge
Asquith, Helen Mae, Ph.	Waterloo, Iowa
Armstrong, Virginia, Ph.	London
Arnold, Ruth B., Ph.	Lakewood
Aulabaugh, Catharine E., Ph.	Dayton
Babcock, Mary Elizabeth, Cl.	Johnstown
Baker, Dorothy, Ph.	Chicago, Ill.
Barfield, Mildred F., Ph.	Peoria, Ill.
Bentley, Hester, Cl.	Circleville
Bernhisel, Elva J., Ph.	Toledo

Bibby, Eugenia H., Ph.....	Charleston, W. Va.
Blanke, Helen V., Cl.....	Lakewood
Bohanon, Betty, Ph.....	Cleveland Heights
Bonham, Florence, Ph.....	Newark
Bookser, Novella Mae, Cl.....	Buffalo, N. Y.
Broughton, Ruth, Cl.....	Granville
Burns, Mildred E., Ph.....	Wilmette, Ill.
Butt, Mildred Louise, Ph.....	Johnstown
Cameron, Juanita, Sc.....	Nashport
Canterbury, Nellie, Ph.....	Newark
Chmelik, Florence, Cl.....	Cleveland
Chubbuck, Eleanor F., Ph.....	Lakewood
Collins, Ruth Virginia, Ph.....	Ocala, Florida
Cowan, Mary Elizabeth, Sc.....	Bedford
Cramer, Marthalou, Ph.....	Dayton
Dallow, Helen, Cl.....	Akron
Darrow, Kathryn M., Ph.....	Granville
Day, Grace S., Ph.....	Lakewood
DeBruin, Betty, Sc.....	Ironton
Dorey, Elsie, Sc.....	Newark
Downard, Esther, Ph.....	London
Dryer, Evelyn, Ph.....	Westerville
Duff, Mary Alice, Ph.....	Canton
Dutcher, Winifred, Ph.....	Oak Park, Ill.
Exman, Dorothy, Ph.....	Blanchester
Falstrear, Janet E., Ph.....	Cleveland
Finlay, Grace A., Ph.....	Roscoe
Folger, Alberta, Ph.....	Granville
Folger, Jeanette, Ph.....	Granville
Foster, Juanita R., Ph.....	Granville
Frost, Doris M., Ph.....	Sparta
Garrett, Ruth Ogden, Cl.....	Clarksburg, W. Va.
Gibbens, Sarah H., Cl.....	Granville
Gibson, Helen, Ph.....	Cambridge
Gienger, Mary Christina, Ph.....	Newark
Gilchrist, Mary Margaret, Ph.....	Wilmette, Ill.
Gill, Kathryn, Ph.....	Alexandria
Goodrich, Lucy, Ph.....	Troy
Graves, Constance, Ph.....	Lexington, Mass.
Grimmell, Evelyn, Cl.....	Cleveland
Grundman, Lillian, Ph.....	Cleveland
Haladay, Helen H., Ph.....	Cleveland
Hall, Florence, Ph.....	Euclid

Hamann, Alice, Ph.	Newark
Hanby, Ethel, Cl.	Thornville
Handel, Mary Margaret, Ph.	Newark
Hankinson, Lucy M., Ph.	Granville
Hardman, Jessie F., Ph.	Massillon
Hartman, Margaret G., Ph.	Youngstown
Hawk, Shirlie G., Ph.	Dover
Herkner, Ruth, Sc.	Cleveland Heights
Herler, Louise, Ph.	Toledo
Hess, Helen, Sc.	Canton
Heyer, Alberta, Ph.	Toledo
Hildreth, Miriam A., Cl.	Newark
Hilliard, Marybelle A., Ph.	Mentor
Hinslea, Elizabeth, Ph.	Lakewood
Hite, Lulu, Ph.	Alexandria
Hollinger, Frances M., Ph.	Elmhurst, Ill.
Holmes, Iris, Ph.	Granville
Hoover, Cloda Pauline, Ph.	Johnstown
Horner, Thelma Ann, Sc.	Newark
Irvine, Grace, Ph.	Blair, Pa.
Jaycox, Dorothy, Ph.	Columbus
Jones, Lois, Ph.	Lakewood
Jones, Minnie Helen, Ph.	Newark
Jones, Pauline, Ph.	Mt. Vernon
Kemper, Maurine, Cl.	Lost Creek, W. Va.
Kenney, Helen Dolores, Ph.	Granville
King, Carol Joy, Sc.	Mountain View, Okla.
Latta, Mary, Ph.	Granville
Lawrence, Helen Louise, Ph.	Newark
Layton, Luella, Ph.	Dayton
Leupin, Alice, Sc.	Wellington
Llewellyn, Ethel G., Ph.	Wheaton, Ill.
Longwell, Geraldine, Sc.	Newton Center, Mass.
Lunsford, Ruth, Ph.	Cincinnati
McBane, Katherine, Ph.	Wellsville
McCann, Eleanor, Ph.	Dayton
McCoy, Katharine L., Ph.	Newark
McKinney, Frances D., Cl.	Hannibal
McLain, Buena, Ph.	Granville
Mack, Hester, Cl.	Auburn, N. Y.
Markle, Martha Alice, Ph.	Chicago, Ill.
Mason, Margaret Elizabeth, Sc.	Hermine, Pa.
Maunus, Marie S., Ph.	Ashtabula

Miley, Thelma, Cl.	Granville
Miller, Elinor P., Cl.	Sherwood
Mills, Elizabeth P., Ph.	Cloversville, N. Y.
Moore, Marion, Ph.	Milan, Mich.
Nichols, Eunice, Ph.	Bedford
O'Brien, Elsie, Ph.	Chicago, Ill.
Orpin, Florence J., Ph.	Bedford
Page, Edith Margaret, Ph.	Newton Center, Mass.
Parish, Edna R., Ph.	Richwood
Parsons, Pearl Lucile, Ph.	Johnstown
Payne, Mary A., Ph.	Johnstown
Peoples, Harriet A., Ph.	Toledo
Pierce, Janet, Ph.	Howell, Mich.
Pierson, Marian, Ph.	Granville
Pigman, Mary Marie, Cl.	Coshocton
Price, Alice Maude, Sc.	Alexandria
Rasor, Mildred, Ph.	Ashville
Reed, Marion, Sc.	Toledo
Reed, Marjorie A., Cl.	Springfield
Rittenhouse, Lois, Ph.	River Forest, Ill.
Robison, Margaret A., Ph.	Pittsburgh, Pa.
Rogers, Esther, Ph.	Newark
Rogers, Helen L., Ph.	Hillsboro
Salkeld, Dorothy, Ph.	Painesville
Sanford, Roxanne, Sc.	Stryker
Scarrit, Helen, Ph.	River Forest, Ill.
Scharle, Kathryn, Ph.	Oak Park, Ill.
Schulke, Vera, Ph.	Elmhurst, Ill.
Seidel, Jean, Ph.	Bedford
Sentivany, Irene, Ph.	Zanesville
Shirk, Cora F., Ph.	Granville
Simmons, Hazel Louise, Ph.	Johnstown
Smalley, Margaret, Ph.	Irwin, Pa.
Smith, Mildred, Ph.	Trinway
Smith, Sarah Nell, Ph.	Cleveland Heights
Smithman, Naomi B., Cl.	West Milton
Snyder, Zelma, Sc.	Oil City, Pa.
Soyez, Ruth H., Cl.	Evanston, Ill.
Spencer, Emily Jean, Cl.	Newark
Starcher, Jennie N., Ph.	Charleston, W. Va.
Sterling, Ruth, Sc.	Martins Ferry
Stewart, Florence W., Ph.	Chicago, Ill.
Stewart, Louise Neely, Cl.	Zanesville

Still, Margaret A., Sc.	Chillicothe
Strickland, Bessie, Sc.	Warren, Pa.
Stump, Kathleen, Ph.	Dresden
Swartzel, Mary Louise, Ph.	Dayton
Teas, Margaret, Sc.	Dayton
Thomas, Virginia, Ph.	Martins Ferry
Thompson, Bessie, Sc.	Wellsville
Tucker, Marie L., Sc.	Dayton, Ky.
Tunison, Mary Helen, Ph.	Kirkersville
Vanderhoof, Elizabeth, Sc.	Watkins, N. Y.
Webb, Lucille M., Sc.	Oak Park, Ill.
West, Sarah S., Ph.	Mt. Vernon
White, Mary Isabelle, Ph.	Granville
Wilcox, Madelon Mae, Ph.	Condit
Wilkin, Ruth Elizabeth, Ph.	Anadarko, Okla.
Williams, Margaret L., Cl.	Painesville
Wilson, Avis N., Ph.	Oxford, W. Va.
Wilson, Virginia D., Ph.	Newark
Wilson, Virginia S., Cl.	Pittsburgh, Pa.
Wiltrout, Mary W., Ph.	Mansfield
Wood, Janet P., Ph.	Columbus
Wood, Marion Louise, Ph.	Mansfield
Woodford, Grace, Cl.	Findlay
Wyeth, Helen F., Cl.	Newark
Yates, Willa Louvera, Ph.	Granville
Young, Chessie E., Ph.	Granville

# Conservatory of Music

## SENIOR CLASS

Lois May Everhart, Voice.....	Middletown
Addison Wilmott Fischer, Organ.....	London
Grace Jones, Voice.....	Springfield
Florence Smalley, Piano.....	Irwin, Pa
Alberta Spooner, Piano.....	Weston, Mich.

## UNCLASSIFIED

Abernethy, Alice.....	Berwyn, Ill.
Ackley, Irene.....	Mindota, Ill.
Adams, W. C.....	Johnstown
Adamson, Wadena.....	Granville
Air, Walker.....	Mt. Healthy
Allen, Ellsworth.....	Painesville
Allen, Ralph.....	Newark
Allen, Ralph Weeks.....	Bacone, Okla.
Amos, Sarah.....	Cambridge
Arney, Mrs. L. W.....	Columbus
Atwell, Harriet.....	Granville
Bacik, Mrs. M. J.....	Newark
Baker, Dorothy E.....	Chicago, Ill.
Band Gertrude.....	New York City, N.Y.
Barber, Arden Ross.....	Johnstown
Batdorf, Geneva.....	St. Paris
Bawden, Dorothea.....	Granville
Beaven, A. W.....	Rochester, Minn.
Becker, Dorothy.....	Cincinnati
Bell, Lucy C.....	Norwalk
Bellman, Myra.....	Newark
Bergold, Russell.....	Cleveland
Beverly, George.....	Painesville
Bigelow, Howard.....	Granville
Bigelow, Marie.....	Granville
Bigelow, Mildred.....	Granville
Billings, Nellie.....	Bellevue
Bline, Dorothy.....	Newark
Bourgeois, V.....	Johnstown
Brabrook, Helen.....	Oak Park, Ill.
Bulboaca, Moses.....	Highland Park, Mich.

Burch, Mary	Hebron
Burrer, Carleton Sperry	Sunbury
Cameron, Evelyn	Nashport
Chubbuck, Eleanor	Granville
Churder, John	Granville
Clark, Hazel	Granville
Clissold, Paul	Chicago, Ill.
Colango, Ned	Newark
Collins, Ruth	Ocala, Fla.
Courtier, William	Pataskala
Cowden, Olita	Cambridge
Crane, Roland	Cincinnati
Cregar, Ronald	Richmond Hill, N.Y.
Darrow, Wiatt	Granville
Davis, Margaret Emma	National Road
Dawkins, Carl	Granville
Day, Grace	Lakewood
Day, Norman	Wooster
Dayber, Jane	Toledo
Detweiler, Dorothy	Tarreytown, N.Y.
Detweiler, Muriel	Granville
Dorsey, Helen	Newark
Donnard, Esther	London
Dowling, Robert	Newark
*Draper, Mrs. Bessie	Newark
Duff, Marjorie Alice	Canton
Ebaugh, Marian	Granville
Ebaugh, Paul	Granville
Eddy, Mary	Granville
Edgar, Donald	Delta
Elmore, Rachel	Wayne, Pa.
Eppley, Walter	Johnstown
Eschman, Barbara May	Granville
Evans, Mrs. T. J.	Newark
Eschman, Elinor	Granville
Eubanks, Marybell	Kansas City, Mo.
Evans, Nettie	Johnstown
Ewart, Beatrice	Hamilton, N. Y.
Ewers, Thelma	Granville
Exman, Dorothy	Blancaster
Fields, John	Newark
Foley, Miriam	Newark
Folger, Alberta	Granville



Folger, Jeanette.....	Granville
Ford, Robert.....	Youngstown
Freas, Bertha.....	Johnstown
Freas, Mary.....	Johnstown
Frost, Millicent Doris.....	Granville
Frye, Wendell.....	Jacksontown
Gage, Anna Lucile.....	Johnstown
*Deceased	
Gambrill, Martha.....	Pittsburgh, Pa.
Gant, Mrs. K. I.....	Mt. Vernon
Gault, Anna Mary.....	Newark
Geese, Glenna.....	Newark
Gibbons, Sarah.....	Granville
Gienger, Mary.....	Newark
Gilchrist, Mary Margaret.....	Wilmette, Ill.
Gillman, Ernest.....	Harveysburg
Grandle, Esther.....	Newark
Graves, Constance.....	Lexington, Mass.
Grimwell, Evelyn.....	Cleveland
Grundman, Lilian.....	Cleveland
Hall, Florence.....	Euclid
Hanby, Ethel.....	Thornville
Haskins, Virginia.....	Marietta
Hankinson, Bessie.....	Granville
Haynes, Hunter.....	Sandusky
Hempstead, Addison.....	Croton
Henderson, Paul.....	Norwalk
Hickey, William.....	Newark
Hindinan, Charles.....	Tarentum, Pa.
Hoffman, Mariellen.....	Youngstown
Hosey, Dorothy.....	Huntington, W. Vt.
Howland, Sarah Lou.....	Plain City
Howland, Joe.....	Plain City
Huff, Arthur.....	Bethesda
Husband, Margaret.....	Cleveland Heights
Iles, Betty.....	Granville
Isaac, David.....	Martins Ferry
Jones, Pauline.....	Mt. Vernon
Jenkins, Phillip.....	Parkersburg, W. Va.
Johnson, Margaret.....	Newark
Jones, Alice.....	Granville
Jones, Minnie.....	Newark
Jones, Robert.....	Youngstown

Jones, Ruth	Cincinnati
Jones, Sarah	Granville
Kennedy, Edna	Cincinnati
Kirby, Winifred	Elkhart, Ind.
Kreager, Frances	Alexandria
Kreager, Ruth	Alexandria
Kuhn, John	Newark
Laycock, Helen	Chicago, Ill.
Layton, Luella	Dayton
Llewellyn, Ethel	Wheaton
Lowery, Berneda	Granville
Mack, Hester	Auburn, N. Y.
Martin, Florence	Newark
Mason, Mary Florence	Newark
McBane, Katherine	Wellsville
McCann, Eleanor	Dayton
McCoy, Katherine	Newark
McElhaney, Faye	El Paso, Texas
McGuffin, Kenneth	Pettisville
McGuffin, Marjorie	Pettisville
Mears, Lewis	Granville
Mehnert, Mary	Buffalo, N. Y.
Miller, Vera	Mt. Gilead
Minor, Donald	Waynesburg, Pa.
Montgomery, Mary	Granville
Mouser, Martha	Granville
Myers, Dorothy	Croton
Nichols, Jean	Chicago, Ill.
Odebrecht, Andre	Granville
Ogden, George	Lakewood
O'Neil, Ruth	Newark
Owens, Alfred	Granville
Owens, Herbert	Granville
Oxrieder, Ruth	Granville
Packer, Francis	London
Page, Edith	Newton Centre, Mass.
Parvis, Catherine	Albany, N. Y.
Payne, Mary	Johnstown
Peoples, Harriet	Toledo
Pierce, Annabel	Granville
Proctor, Mildred	Shanghai, China
Reed, Marjorie	Springfield
Reid, Hannah	Chicago, Ill.

Rickett, Ruth.....	Alexandria
Robinson, Lillian.....	Hillsboro
Rogers, Helen.....	Hillsboro
Robinson, John.....	Urbana
Rogers, Mary.....	Granville
Rohrer, Katherine.....	Granville
Rohrer, Francis.....	Granville
Rhodes, Robert.....	Newark
Rosene, Marshall.....	Chicago, Ill.
Runnells, Wendell.....	Johnstown
Richman, Mrs. Wm.....	Granville
Seaburg, Edna.....	Mars, Pa.
Shaw, Elizabeth.....	Buffalo, N. Y.
Shepardson, Martha.....	Granville
Schweikle, Elmer.....	Chicago, Ill.
Shreve, Beatrice.....	Brooklyn, N. Y.
Silliman, Katherine.....	Granville
Simpson, Doris.....	Howard
Sloan, John.....	Newton
Smith, Anna Mae.....	Pittsburg, Pa.
Smith, Kathryn.....	Granville
Smith, Mary.....	Granville
Smith, Nellie.....	Granville
Smith, Robertson.....	Cleveland
Snelling, Edith.....	Newark
Spoerri, Raymond.....	Chicago, Ill.
Spring, Harling.....	Marion
Stadden, Gladys.....	Granville
Steinberger, Dolly.....	St. Paris
Stewart, Betty.....	Granville
Stewart, Florence.....	Chicago, Ill.
Stibitz, George.....	Dayton
Stover, Emma.....	Newark
Stull, John.....	Granville
Stump, Kathleen.....	Dresden
Swensen, Sheldon.....	Lankershin, Cal.
Swift, Robert.....	Avalon, Pa.
Taylor, Violet.....	Croton-on-Hudson, N.Y.
Thomas, Louise.....	Granville
Thomforde, Ernest.....	Beacon, N. Y.
Thunn, Albert.....	Middletown
Treharne, Richard.....	Martins Ferry
Tuttle, Stephen.....	Granville

Umstead, Elizabeth	.....	Circleville
Van Dorn, Louise	.....	Pataskala
Walker, Judson	.....	Walworth, N. Y.
Watson, Glenn	.....	Granville
Webb, Lucile	.....	Oak, Park, Ill.
Wiener, Thelma	.....	Lakeville
Wellman, Helen	.....	Granville
West, Pauline	.....	Troy
Wheatcraft, Ruth	.....	Vanatta
White, Mary	.....	Granville
Wilbur, Elizabeth	.....	Shanghai, China
Wilcox, Louise	.....	Alexandria
Wiley, Dorothy	.....	Granville
Wiley, Mrs. J. H.	.....	Granville
Williamson, Mildred	.....	Newark
Wilson, Mildred	.....	Oxford, W. Va.
Wince, Harold	.....	Croton
Wintermute, Dan	.....	Mt. Vernon
Wolf, Katherine	.....	Dayton
Wood, Janet	.....	Columbus
Wood, Ruth	.....	Parsons, W. Va.
Woodford, Grace Elizabeth	.....	Findlay
Woolcott, Elizabeth	.....	Granville
Wyse, Loyd	.....	Fayette

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## Summary of Student Attendance

### DENISON UNIVERSITY

1925-1926

	Men	Women	Total
Graduate Students.....	5	2	7
Seniors .....	45	64	109
Juniors .....	66	62	128
Sophomores .....	129	120	249
Freshmen .....	206	167	373
	<hr/>	<hr/>	<hr/>
Total in College.....	451	415	866
Conservatory .....	65	163	228
Doane Academy .....	78	21	99
	<hr/>	<hr/>	<hr/>
Total in University.....	594	599	1193
Total in University (exclusive of repetitions)....	574	587	1161

EXPLANATION TO ACCOMPANY IN-  
SERT AT END OF CATALOGUE.

Four-hour courses meeting at periods I, II omit Friday; at periods III and IV omit Monday; at periods VI and VII omit Monday. Three-hour courses at periods I and II omit Tuesday and Thursday; at periods III and IV omit Wednesday and Friday; at periods VI and VII omit Monday and Wednesday. Two-hour courses at the respective periods meet on the days that the three-hour courses omit. Period V, one-half hour, is reserved for chapel service.





# PRELIMINARY APPLICATION

DENISON UNIVERSITY

GRANVILLE, OHIO

I desire to make application for admission to Denison University for

.....  
(Date of entrance)

Immediately after graduation I shall ask my Principal or Superintendent to send you an official statement of my high school credits.

In case I should change my plans I shall notify you at once.

Name .....  
(Miss or Mr.)

Address .....

.....  
High School .....

Address of High School .....

Date of Graduation .....

Date .....

On account of inability to accept all students who apply for admission, preference must be given to those who make early application, whose credits fully meet our requirements, whose grades are satisfactory, and whose recommendations are favorable.

Mail to CLARENCE M. EDDY, Secretary, Denison University, Granville, Ohio.

(Please fill blanks on other side)

Upon graduation from high school I shall have the following credits:

Number of Units

English .....

Foreign Language .....

Greek .....

Latin .....

French .....

German .....

Spanish .....

History .....

Ancient .....

Medieval and Modern .....

English .....

United States .....

Civics .....

Algebra .....

Elementary .....

Advanced .....

Geometry .....

Plane .....

Solid .....

Science .....

Physics .....

Chemistry .....

Botany .....

Zoology .....

Physiography .....

Astronomy .....

Agriculture .....

Other Subjects .....

General Science .....

Commercial Law .....

Commercial Geography .....

Stenography .....

Domestic Science .....

Mechanical Drawing .....

Freehand Drawing .....

Manual Training .....

Economics .....

Psychology .....

Bible .....





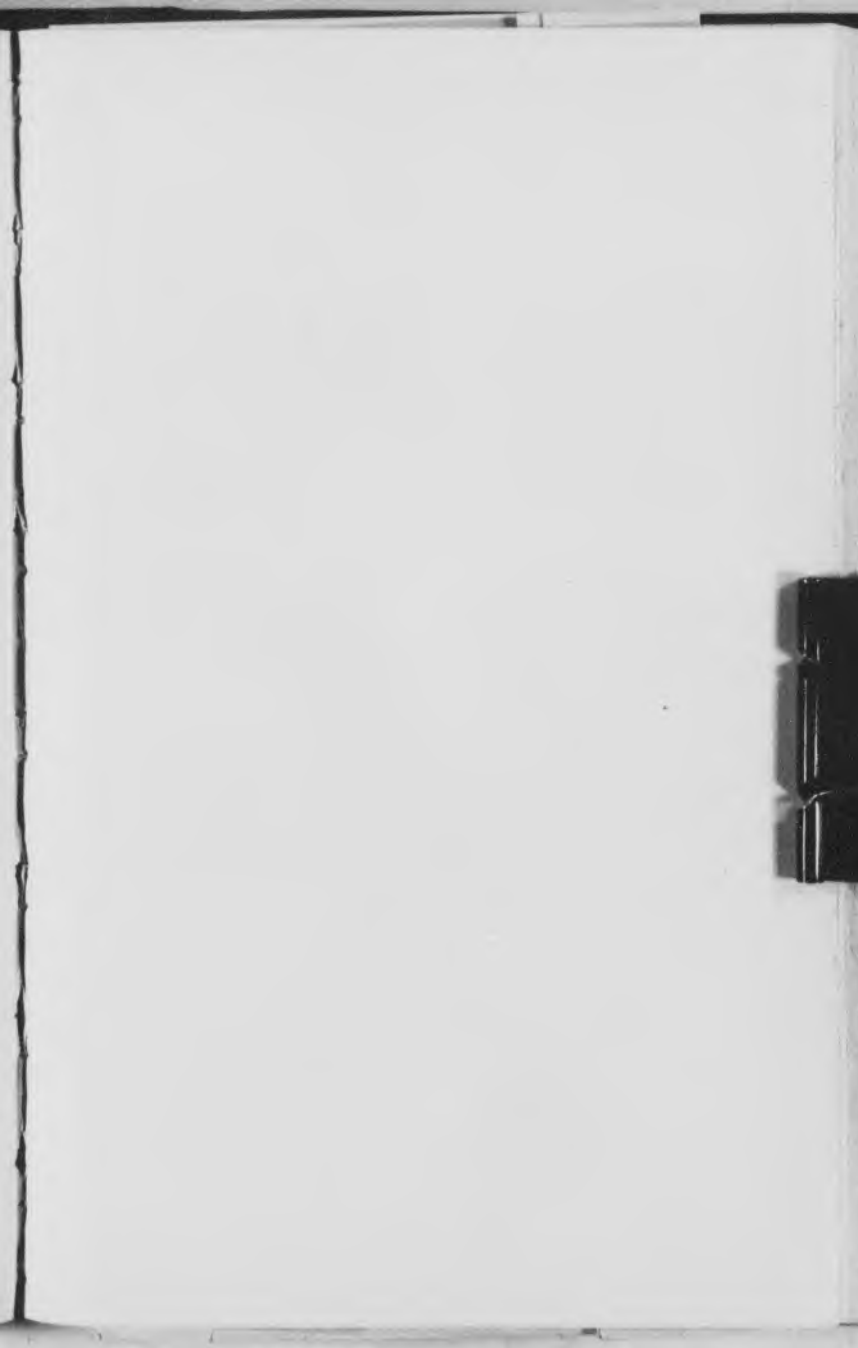
# **CORRECTION!!!**

The previous document(s) may  
have been filmed incorrectly...

Reshoot follows

Upon graduation from high school I shall have the following credits:

	Number of Units
English	
Foreign Language	
Greek	
Latin	
French	
German	
Spanish	
History	
Ancient	
Medieval and Modern	
English	
United States	
Civics	
Algebra	
Elementary	
Advanced	
Geometry	
Plane	
Solid	
Science	
Physics	
Chemistry	
Botany	
Zoology	
Physiography	
Astronomy	
Agriculture	
Other Subjects	
General Science	
Commercial Law	
Commercial Geography	
Stenography	
Domestic Science	
Mechanical Drawing	
Freehand Drawing	
Manual Training	
Economics	
Psychology	
Bible	



Periods	Astronomy	Botany	Chemistry	Christian Education	Civil Engineering	Economics	Education	English	French	Geology	German	Greek	History	Italian
I.	211: 4 hrs.	317-318: 3 hrs. (and II)	111-112: Sec. A 2 hrs. (and II) 223-224: 3 hrs. (and III)	214: 3 hrs. 317: 3 hrs.	111-112: 2 hrs. (and II) 113-114: 2 hrs. (and II)	325-326: 6 hrs.	101: 1 hr.	111-112: 3 hrs. 321-322: 3 hrs.	311-312: 3 hrs.	121-122: 2 hrs.			111-112: 3 hrs. 311-312: 3 hrs.	
II.		317-318: 3 hrs. (and I) 209-210: 2 hrs.	111-112: Sec. A 4 hrs. (and I) 223-224: 1 hr. (and I)	221-222: 3 hrs.	111-112: 2 hrs. (and I) 113-114: 2 hrs. (and I) 325: 4 hrs.	312: 3 hrs. 327: 3 hrs. 412: 3 hrs.		111-112: 3 hrs. 211-212: 3 hrs. 334: 2 hrs.	111-112: 4 hrs. 211-212: 4 hrs.	311-312: 2 hrs.	213-214: 4 hrs.	111-112: 4 hrs.	111-112: 3 hrs.	
III.		111-112: M or W (and IV) 213-214: 4 hrs. (and IV)		115-116, 302: 3 hrs. 319: 3 hrs.	211, 322: 4 hrs.		211-212: 3 hrs.	111-112: 3 hrs. 211-212: 3 hrs. 323: 3 hrs. 325: 2 hrs. 330: 2 hrs. 336: 3 hrs. 311-312: 2 hrs.	111-112: 4 hrs. 411-412: 3 hrs.	111-112: 4 hrs.	211-212: 4 hrs.	101-102: 2 hrs. 331-332: 2 hrs. 413: 3 hrs. 414: 3 hrs.	221-222: 3 hrs.	
IV.	411-412: 3 hrs.	111-112: Tu, Th, and M, or W 3 hrs (and III) 213-214: 2 hrs. (and III)	211-212: M, 1 hr. (and VI-VII)	111-112: 3 hrs. (for advanced students) 311-312: 3 hrs. 411-412: 2 hrs.	311-312: 4 hrs.		211-212: 3 hrs.	111-112: 3 hrs. 211-212: 3 hrs. 324: 3 hrs. 325: 2 hrs. 326: 2 hrs. 333: 3 hrs.	211-212: 4 hrs.		111-112: 4 hrs.	111-112: 4 hrs.	111-112: 3 hrs. 211-212: 2 hrs.	311-312: 4 hrs.
VI.	111: 4 hrs. (with one evening hr.) 112: 4 hrs.	113-114: 3 hrs. (and VII)	111-112: Sec. B 2 hrs. (and VII) 211-212: 2 hrs. (and IV, VII) 411-412: 3 hrs.	111-112: 3 hrs. (for fresh- men)	111-112: 2 hrs. (and VII) 113-114: 2 hrs. (and VII) 212: 4 hrs.	211-212: 3 hrs.	312, 411: 3 hrs.	111-112: 3 hrs. 331-332: 3 hrs. 213-214: 3 hrs.	111-112: 4 hrs.	211-212: 2 hrs. 411-412: 2-5 hrs.		211-212: 4 hrs.	317-318: 3 hrs.	
VII.	See Civil Engineering Course 330.	113-114: 3 hrs. (and VI)	111-112: Sec. B 4 hrs. (and VI) 211-212: 2 hrs. (and IV, VI)	211-212: 3 hrs.	111-112: 2 hrs. (and VI) 113-114: 2 hrs. (and VI)	211-212: 3 hrs.	312: 3 hrs.	111-112: 3 hrs. 211-212: 3 hrs. 412: 2 hrs.	211-212: 4 hrs.					
Hours to be arranged	212: 4 hrs. 213: 2 hrs. 311-312:	417-418: 2 hrs. 419-420: 2-5 hrs.	311-314: 413-414: 1 hr. 415-416		330, 337: 3 hrs. 336, 411: 4 hrs.		412	101-102: 5 hrs. 316: 2 hrs.						
Periods	Latin	Library Science	Mathematics	Military Science	Music	Philosophy	Physical Education	Physics	Political Science	Psychology	Public Speaking	Sociology	Spanish	Zoology
I.	111-112: 4 hrs.		101: 2 hrs. 111-112: 3 hrs. 211-212: 4 hrs. 231-232: 5 hrs.	111-112: 2 hrs. 211-212: 2 hrs. 411-412: 5 hrs.	211-212: 2 hrs. 451-452: 2 hrs.			111-112: 3 hrs. 113-114: 2 hrs. (and II) 344: 3 hrs. (and II)				211-212: 3 hrs.	111-112: 4 hrs. 211-212: 4 hrs. 223-224: 5 hrs. (and II)	111-112: 4 hrs. M & W (& lab.)* 223-224: 5 hrs. (and II)
II.	101-102: 4 hrs. 111-112: 4 hrs. 311-312: 3 hrs. 315-316: 2 hrs.		101: 2 hrs. 111-112: 3 hrs. 211-212: 4 hrs. 333: 4 hrs. 352: 4 hrs.	111-112: 2 hrs. 211-212: 2 hrs. *411-412: 5 hrs.	111-112: 2 hrs. 301-302: 2 hrs. 431-442: 2 hrs.	333: 3 hrs. 335-336: 2 hrs.		413-414: 2 hrs. (and I) 344: 3 hrs. (and I)	317: 2 hrs. 431-432: 3 hrs.	111: 3 hrs.	111-112: 3 hrs.	301-302: 2 hrs.	311-312: 3 hrs.	223-224: 5 hrs. (and I)
III.			101: 2 hrs. 111-112: 3 hrs. 311: 4 hrs. 312: 3 hrs.	111-112: 2 hrs. 211-212: 2 hrs. *311-312: 5 hrs.	311-312: 2 hrs. 331-332: 3 hrs.	322: 3 hrs. 331-332: 2 hrs.	311-312: 2 hrs.	113-114: 2 hrs. (and IV) 211-212: 3 hrs. (and IV) 333-334: 3 hrs. 431-432: 4 hrs. W & F (& lab.)	211-212: 3 hrs.	311: 3 hrs. 312: 3 hrs. (and VI-VII) 331-332: 2 hrs. W & F (and IV)	311-312: 3 hrs.	211-212: 3 hrs.	211-212: 4 hrs.	225-226: 2 hrs.
IV.	211-212: 4 hrs.		101: 2 hrs. 111-112: 3 hrs. 121-122: 5 hrs. 131-132: 5 hrs.	111-112: 2 hrs. 211-212: 2 hrs. *311-312: 5 hrs.	111-112: 2 hrs. 221-222: 3 hrs.	322: 3 hrs.	311-312: 2 hrs.	113-114: 2 hrs. (and III) 211-212: 3 hrs. (and III)	211-212: 3 hrs.	311: 3 hrs. 331-332: 2 hrs. (F, and III).	111-112: 3 hrs.	311-312: 3 hrs.	111-112: 4 hrs.	201-202: 3 hrs.
VI.	213-214: 2 hrs.	111-112: 2 hrs. 211-212: 2 hrs. 311-312: 2 hrs.	101: 2 hrs.	111-212: 2 hrs. (and VII) 3301-3302: 2 hrs. (and VII) 341-342: 2 hrs. (and VII)	201-202: 3 hrs. (and VI)	321: 3 hrs.	441: 3 hrs. 442: 3 hrs.	111-112: 3 hrs. 113-114: 2 hrs. (and VII) 211-212: 3 hrs. (and VII) 311-312: 3 hrs. (and VII)		312: M or W (and III, VII)	211-212: 3 hrs.		111-112: 4 hrs. 422: 3 hrs.	211-212: 4 hrs. Tu. & Th. (and lab.)*
VII.			101: 2 hrs. 111-112: 3 hrs.	111-212: 2 hrs. (and VI) 301-302: 2 hrs. (and VI) 3401-3402: 2 hrs. (and VI)	101-102: 2 hrs.	222-223: 3 hrs.		113-114: 2 hrs. (and VI) 211-212: 3 hrs. (and VI) 311-312: 3 hrs. (and VI) 341: 2 hrs.		312: M or W (and III, VI) 321: 3 hrs.	111-112: 3 hrs.			
Hours to be arranged				*4 hrs. credit 21 hr. credit	163-164: 1 hr. 203-204: 1 hr. 303-304: 3 hrs.	224: 1-3 hrs. 441-442: 2 hrs.	111-112: 1 hr. 211-212: 1 hr. 334: 3 hrs. 313-314: 3 hrs.	441-442: 2-5 hrs.						*See p. 87 for periods.

